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NORMAN WELLS APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM--ETC
JAN 72

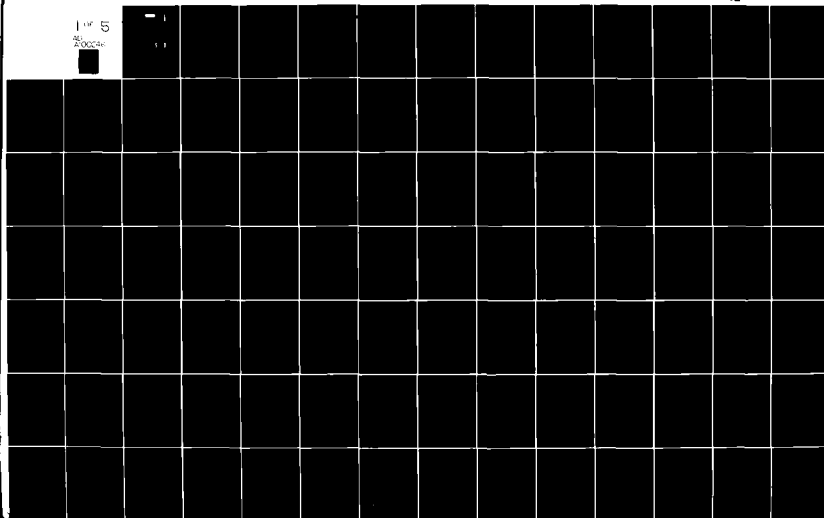
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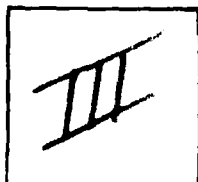


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USAFETAC/DS-81/041

AD *A 10681*

**DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)**

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

NORMAN WELLS NWT DOT APT WBAN #26202
N 65 17 W 126 48 ELEV 209 FT CYVQ WMO #74043

PARTS A, C-F
POR FROM HOURLY OBS: JAN 57-DEC 66

72

REC'D FEB 03 1972

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS-81/041	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Norman Wells Apt, Northwest Territories, Canada		5. TYPE OF REPORT & PERIOD COVERED Final rept.
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)
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16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES The following parts are missing from this document: Part A- Atmospheric Phenomena Part B- Precipitation, Snowfall, Snow Depth Part E- Daily Max, Min and Mean Temp/ Extreme Max and Min Temp		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Norman Wells Apt, Northwest Territories, Canada It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1 JAN 73 1473

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* Northwest Territories, Canada
** Norman Wells, Canada
20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

The Period of Record (POR) for daily observations is:
JAN 57- DEC 66

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UCAFTAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION

DATA NOT AVAILABLE

SNOWFALL

DATA NOT AVAILABLE

SNOW DEPTH

DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
26202	NORMAN WELLS NWT DOT APT	N 65 17	W 126 48	209	CYVQ	74043

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Norman Wells NWT DOT Apt	C	Jan 57	Dec 66	N 65 17	W 126 48	209	N/A	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 57 to Dec 66	Not Available	N/A	N/A	N/A	Hourly surface observations on Magnetic tape from DOT Canada.

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AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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USAF ETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

26202

NORMAN WELLS NWT DOT APT

57-66

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		.2	.1	47.7		47.7	8.0	.2	5.5		13.5	7440
FEB			.0	.0	48.5		48.5	7.3	.1	2.9		10.2	6768
MAR			.2	.1	33.2		33.4	1.1	.0	2.2		3.2	7440
APR			.9	.1	21.7		22.5	.6	.0	2.6		3.1	7200
MAY		.0	4.3	.0	7.1		11.2	1.1		.3		1.4	7440
JUN		.7	10.3		.2	.0	10.5	.9	.0			1.0	7200
JUL		.8	11.5			.0	11.5	.8	.5			1.3	7439
AUG		.4	13.6		.0		13.6	1.4	.5			1.8	7440
SEP		.0	12.6	.1	4.5		16.7	2.9	.3			3.2	7195
OCT			2.6	.8	31.1		34.2	5.0		.7		5.7	7440
NOV				.2	50.8		50.9	4.6	.2	1.1		5.8	7200
DEC				.0	46.2		46.2	6.4	.8	3.3		10.3	7440
TOTALS		.2	4.7	.1	24.3	.0	28.9	3.3	.2	1.6		5.0	87642

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26202 SHERMAN WELLS NWT DOT APT
STATION

57-66
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		.2		51.4		51.4	8.6		5.3		13.9	930
	03-05		.3		51.5		51.5	7.8		6.6		14.3	930
	06-08		.3		54.2		54.2	7.3		5.8		12.9	930
	09-11		.2	.1	47.5		47.6	9.5		6.1		15.4	930
	12-14		.1	.2	40.0		40.1	9.4	.8	6.0		15.3	930
	15-17		.1	.1	38.2		38.2	7.8	.4	4.9		12.8	930
	18-20		.3	.2	48.5		48.5	6.5		4.7		11.2	930
	21-23		.1	.1	50.3		50.3	7.3		4.6		11.9	930
TOTALS			.2	.1	47.7		47.7	8.0	.2	5.5		13.5	7440

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WEATHER CONDITIONS

26202 HANDEL WELLS NAT DIST APT
STATION STATION NAME

57-66
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02				52.5		52.5	5.9		1.5		7.4	846
	03-05				54.1		54.1	6.4		3.2		9.6	846
	06-08		.1		54.8		55.0	7.0		3.1		10.0	846
	09-11		.1		47.2		47.3	11.8		4.1		15.7	846
	12-14		.1		40.8		40.9	11.6		4.0		15.6	846
	15-17			.2	39.8		39.8	5.7	.2	2.8		8.7	846
	18-20			.1	46.8		46.8	4.5	.1	2.5		7.1	846
	21-23				51.9		51.9	5.8	.1	2.0		7.8	846
TOTALS			.0	.0	48.5		48.5	7.3	.1	2.9		10.2	6768

1 DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26202 NIERMAN WELLS NWT DMT APT
STATION STATION NAME

57-66
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		.1		41.1		41.2	1.0		1.6		2.6	930
	03-05		.3	.4	41.5		41.8	1.1		1.8		2.9	930
	06-08		.5	.1	41.3		41.8	1.9		2.2		4.0	930
	09-11				38.2		38.2	1.6	.1	3.0		4.7	930
	12-14		.2		23.1		23.3	1.0		3.0		4.0	930
	15-17		.1		18.9		19.0	.6		2.7		3.3	930
	18-20				24.7		24.7	.8	.1	1.5		2.4	930
	21-23				37.0		37.0	.4		1.5		1.9	930
TOTALS			.2	.1	33.2		33.4	1.1	.0	2.2		3.2	7440

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26202

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57-66

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		.6		25.6		26.1	.7		1.8		2.4	900
	03-05		.6		28.9		29.4	.6		1.3		1.9	900
	06-08		.7	.1	28.8		29.6	1.6		3.0		4.6	900
	09-11		1.2	.3	24.3		25.7	.6		3.1		3.7	900
	12-14		1.1		17.3		18.4			4.1		4.1	900
	15-17		.6		13.9		14.4	.1		3.0		3.1	900
	18-20		1.0		15.6		16.6	.3	.1	2.1		2.6	900
	21-23		1.0		19.1		19.9	.6		2.0		2.6	900
TOTALS			.9	.1	21.7		22.5	.6	.0	2.6		3.1	7200

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2 DATA PROCESSING DIVISION
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WEATHER CONDITIONS

26202

NIJMAN WELLS NWT DIIT APT

57-66

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		5.7		8.2		13.0	1.8				1.8	930
	03-05		4.2		7.7		11.8	2.4		.2		2.6	930
	06-08		3.4	.1	9.7		13.0	2.3		.4		2.7	930
	09-11		3.3	.1	8.2		11.3	.9		.6		1.5	930
	12-14	.2	3.8		5.9		9.5	.6		.5		1.2	930
	15-17	.1	4.1		5.5		9.5	.2		.3		.5	930
	18-20		4.4	.1	5.7		9.9			.3		.3	930
	21-23		5.6		5.8		11.2	.3				.3	930
TOTALS		.0	4.3	.0	7.1		11.2	1.1		.3		1.4	7440

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26202

NORMAN WELLS NWT OUT APT

57-66

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STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.1	8.3		.3		8.7	1.3				1.3	900
	03-05		11.1		.3		11.4	1.0				1.0	900
	06-08	.1	11.9		.3		12.2	1.2				1.2	900
	09-11	.1	12.0		.3		12.3	.7	.1			.8	900
	12-14	1.3	9.9		.3	.1	10.2	.7	.1			.8	900
	15-17	2.3	9.8		.3		9.9	1.0				1.0	900
	18-20	1.0	10.0				10.0	.7				.7	900
	21-23	.6	9.6				9.6	.8				.8	900
TOTALS		.7	10.1		.2	.0	10.5	.9	.0			1.0	7200

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26202

STATION

NORMAN WELLS NWT DOT APT

STATION NAME

57-66

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.9	12.0				12.0	.5	.5			1.1	930
	03-05		11.2			.1	11.2	1.4	.4			1.8	930
	06-08		12.6			.1	12.7	2.0	.8			2.8	930
	09-11	.1	12.5			.1	12.6	.5	.8			1.3	930
	12-14	1.6	9.4				9.4	.4	.6			1.1	930
	15-17	1.7	11.3				11.3	.4	.3			.8	930
	18-20	1.4	11.5				11.5	.2	.3			.5	929
	21-23	.5	11.2				11.2	.6	.5			1.2	930
TOTALS		.8	11.5			.0	11.5	.8	.5			1.3	7439

1
2

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WEATHER CONDITIONS

26202

STATION

NORMAN WELLS NWT DDT APT

STATION NAME

57-66

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.3	13.5				13.5	1.5				1.5	930
	03-05		15.1				15.1	2.8	.1			2.9	930
	06-08		14.8				14.8	2.8	.9			3.7	930
	09-11		14.0				14.0	1.3	.9			2.2	930
	12-14	.4	11.7				11.7	1.3	.8			2.0	930
	15-17	1.3	12.3		.1		12.3	.9	.8			1.6	930
	18-20	.9	13.3				13.3		.1			.1	930
	21-23	.4	14.2		.2		14.3	.6				.6	930
TOTALS		.4	13.6		.0		13.6	1.4	.5			1.8	7440

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26202

NORMAN WELLS NWT OUT APT

57-66

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.2	14.6		6.0		20.0	1.4	.4			1.9	900
	03-05		13.9		5.8		19.6	3.1	.4			3.6	900
	06-08		14.0	.1	5.9		19.8	7.8	.6			8.3	900
	09-11		12.5	.2	4.9		16.9	4.8	.3			5.1	898
	12-14		9.9		3.0		12.6	2.2				2.2	897
	15-17		9.0		2.4		11.0	.6				.6	900
	18-20		12.2	.1	2.9		14.7	1.2	.3			1.6	900
	21-23		14.6		5.0		19.0	1.9	.6			2.4	900
TOTALS		.0	12.6	.1	4.5		16.7	2.9	.3			3.2	7195

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26202

NORMAN WELLS NWT DUT APT

57-66

UCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
UCT	00-02		1.8	.5	32.7		34.9	4.6		.4		5.1	930
	03-05		3.2	.6	32.9		36.8	7.3		.4		7.7	930
	06-08		3.0	.9	33.7		37.3	10.1		.5		10.6	930
	09-11		2.8	1.1	31.1		34.8	7.3		.6		8.0	930
	12-14		1.3	.8	24.5		26.2	3.7		1.0		4.6	930
	15-17		3.2	.5	25.9		29.1	2.4		1.1		3.4	930
	18-20		4.1	1.0	32.8		37.1	1.8		1.0		2.8	930
	21-23		1.7	1.3	35.1		37.7	2.7		.8		3.4	930
TOTALS			2.6	.8	31.1		34.2	5.0		.7		5.7	7440

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26202

NORMAN WELLS NWT DOT APT

57-66

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02			.7	54.2		54.6	4.1		1.1		5.2	900
	03-05				56.1		56.1	4.4		2.2		6.7	900
	06-08				57.7		57.7	5.8		2.0		7.8	900
	09-11				47.1		47.1	8.0	.6	1.2		9.6	900
	12-14			.4	42.6		43.0	5.9	.8	1.0		7.2	900
	15-17				43.0		43.0	4.0	.3	.6		4.7	900
	18-20			.1	51.4		51.6	1.7		.7		2.3	900
	21-23			.2	53.9		53.9	2.7		.2		2.9	900
TOTALS				.2	50.8		50.9	4.6	.2	1.1		5.8	7200

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26202

STATION

NORMAN WELLS NWT DOT APT

STATION NAME

57-66

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02				45.7		45.7	4.4		2.9		7.3	930
	03-05			.2	46.2		46.2	4.3		3.3		7.6	930
	06-08				48.6		48.6	4.1		3.3		7.4	930
	09-11			.1	44.8		44.8	6.0	1.1	3.7		10.6	930
	12-14				39.0		39.0	8.8	2.5	3.7		14.3	930
	15-17				40.9		40.9	9.6	1.7	2.9		14.0	930
	18-20				52.9		52.9	7.5	1.0	3.1		11.6	930
	21-23				51.1		51.1	6.5	.2	3.1		9.8	930
TOTALS				.0	46.2		46.2	6.4	.8	3.3		10.3	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

DATA NOT AVAILABLE

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREL.

a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT OUT APT
STATION NAME57-66
YEARSALL
MONTHALL WEATHER
CLASSALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.4	.2	.0	.0							2.0	3.9
NNE	.5	.1	.1	.0	.0	.0						.7	4.0
NE	1.2	.4	.1	.0	.0							1.6	3.4
ENE	1.0	.7	.2	.0	.0	.0						1.9	4.2
E	3.5	3.8	3.3	.6	.2	.1	.0					11.5	5.9
ESE	2.3	2.2	1.3	1.6	.7	.2	.0	.0				10.4	8.3
SE	3.4	3.6	4.3	2.0	.6	.1	.0					14.2	7.3
SSE	1.1	.8	.9	.2	.0	.0						3.0	5.9
S	1.6	.7	.2	.0								2.5	3.6
SSW	.8	.3	.1	.0								1.1	3.5
SW	1.1	.6	.3	.0	.0	.0						2.0	4.2
WSW	.6	.5	.9	.3	.0	.0						2.4	6.8
W	2.0	2.0	3.0	1.9	.4	.1	.0	.0	.0			9.3	8.0
WNW	1.8	1.9	4.6	4.0	1.6	.4	.1	.0	.0			14.4	10.6
NW	2.6	2.6	2.9	1.5	.7	.2	.1	.0				10.5	8.2
NNW	1.1	.5	.3	.2	.1	.0						2.2	5.8
VARBL													
CALM												10.3	
	25.8	21.0	24.8	12.4	4.4	1.2	.2	.0	.0			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

87642

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DDT APT
STATION NAME

57-66
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.1			.0							1.4	2.7
NNE	.4	.0										.4	2.5
NE	1.3	.1										1.4	2.5
ENE	1.0	.3	.0									1.3	2.9
E	4.7	4.0	2.0	.9	.3							12.5	5.7
ESE	4.2	2.8	3.0	1.1	.6	.2	.1	.0				11.9	7.0
SE	5.3	2.9	2.1	.7	.5	.2	.1					11.7	6.1
SSE	1.0	.3	.1	.1	.0	.0						1.5	4.4
S	.8	.1										.9	2.7
SSW	.2	.0										.3	2.7
SW	.4	.0	.0									.4	2.7
WSW	.5	.0	.1									.6	3.3
W	2.2	1.4	2.2	1.9	.3	.0	.0	.0				8.2	8.1
WNW	2.9	1.9	4.6	4.4	2.2	.6	.1	.1	.0			16.7	10.7
NW	3.3	2.3	2.4	1.8	1.6	.4	.2	.1				12.0	9.6
NNW	.9	.2	.1	.3	.2	.0						1.8	7.5
VARBL													
CALM												16.8	
	30.4	16.4	17.2	11.2	5.6	1.6	.5	.2	.0			100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 WHEELS NWT DUT APT 57-66 FEB
STATION NAME YEARS MONTH
ALL WEATHER ALL
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.1		.0								1.4	2.6
NNE	.2	.0										.3	2.6
NE	1.3	.2										1.4	2.7
ENE	1.0	.3	.1									1.4	3.4
E	4.2	3.6	2.8	.1	.0							10.7	4.9
ESE	4.0	2.9	3.4	.9	.1	.1		.0				11.5	6.2
SE	3.0	4.2	4.0	1.4	.8	.2						15.6	6.8
SSE	1.3	.5	.2	.1	.0	.0						2.1	4.7
S	1.3	.2										1.4	2.6
SSW	.5	.0										.5	2.5
SW	1.0	.1	.0	.0								1.1	2.9
WSW	.9	.3	.2	.1	.0							1.4	4.5
W	3.6	2.2	1.8	1.4	.4	.1						9.5	6.7
WNW	3.0	2.3	4.1	3.4	1.4	.2	.0					14.4	9.2
NW	3.4	2.2	2.2	1.2	.7	.4	.1					10.2	7.9
NNW	.7	.3	.1	.2	.3	.1						1.7	8.5
VARBL													
CALM												15.1	
	32.7	19.4	18.9	8.8	3.8	1.1	.1	.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 6768

1.
2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.1	.0									.8	2.9
NNE	.4	.1										.4	2.6
NE	.7	.1	.0									.8	2.8
ENE	.4	.3	.1									.8	3.7
E	2.7	2.1	1.6	.3	.0	.1	.1					6.9	5.6
ESE	3.2	2.4	2.5	1.4	.6	.6	.2	.0				10.8	8.4
SE	4.5	3.7	4.2	.9	.4	.1						13.8	6.3
SSE	1.8	.7	.5	.2	.0							3.2	4.7
S	2.4	.3	.1									2.7	2.9
SSW	1.5	.1	.0									1.6	2.6
SW	2.2	.6	.2									3.0	3.3
WSW	1.0	.5	1.1	.2	.0							2.8	6.1
W	3.3	3.0	4.0	2.0	.4	.0						12.7	7.3
WNW	2.8	2.3	4.6	4.2	1.8	.4	.1					16.2	10.1
NW	2.9	2.1	2.0	1.1	.5	.2	.1					9.0	7.6
NNW	1.1	.2	.1	.0								1.4	3.3
VARBL													
CALM												12.9	
	31.5	18.7	20.9	10.3	3.7	1.4	.4	.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

7440

1
2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

MURMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.1	.1									.9	3.3
NNE	.2	.0										.3	2.7
NE	.7	.1										.8	3.0
ENE	.5	.4	.2									1.0	4.3
E	2.1	2.7	2.4	.1	.1	.0						7.5	5.6
ESE	2.1	2.2	2.8	1.1	.7	.1						9.1	7.8
SE	4.0	4.7	5.6	1.9	.5							16.7	6.9
SSE	1.6	1.4	1.2	.3	.0							4.5	5.6
S	2.5	.6	.1									3.2	3.1
SSW	1.2	.2	.0									1.5	3.0
SW	2.0	.7	.5									3.3	4.0
WSW	.7	1.1	2.0	.8	.1							4.6	7.7
W	2.5	2.2	3.8	2.8	.5	.2	.0					11.9	8.5
WNW	1.6	1.9	4.7	5.2	2.7	1.3	.2	.1				17.8	12.3
NW	1.6	1.3	2.1	1.5	.7	.3	.1					7.6	9.6
NNW	.6	.2	.2	.0	.0							1.1	5.1
VARBL													
CALM												8.9	
	24.8	19.9	25.7	13.6	5.4	1.9	.4	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7200

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT VOT APT
STATION NAME57-66
YEARSMAY
MONTHALL WEATHER
CLASSALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.4	.3	.1								1.6	5.2
NNE	.3	.2	.1	.1	.0	.0						.7	6.5
NE	.6	.3	.2	.0	.0							1.2	4.6
ENE	.6	.4	.3	.0	.0							1.3	5.0
E	1.6	3.1	3.0	.3	.1	.1						8.2	6.3
ESE	1.5	2.0	3.7	2.0	.5	.1						9.7	8.5
SE	2.9	4.6	8.0	2.6	.4	.0						18.6	7.6
SSE	1.4	1.4	2.7	.4	.1							6.0	6.6
S	2.6	1.5	.3	.0								4.4	3.8
SSW	1.2	.7	.1									2.0	3.8
SW	1.8	.9	.8									3.5	4.5
WSW	.9	1.2	2.2	.7	.0							5.0	7.2
W	2.0	2.2	2.6	1.5	.8	.2						9.3	8.4
WNW	1.1	1.4	3.4	2.9	1.8	.6						11.1	11.3
NW	1.1	1.2	2.7	2.5	1.0	.1						8.6	10.4
NNW	.5	.2	.6	.5	.1	.0						1.9	9.1
VARBL													
CALM												6.9	
	20.7	21.6	31.1	13.6	5.0	1.0						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

7439

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202

STATION

MURMAN WELLS NWT DOT APT

STATION NAME

57-66

YEARS

JUN

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.6	.7	.2	.1							2.3	6.3
NNE	.2	.2	.3	.1								.9	7.0
NE	.8	.6	.3	.1	.0							1.8	9.1
ENE	.6	.8	.5	.2	.0	.0						2.0	6.1
E	1.8	3.0	3.5	.7	.2	.0						9.3	6.8
ESE	1.1	1.8	4.2	2.3	.9	.1	.0					10.3	9.4
SE	2.2	4.1	6.6	4.2	.9	.2						18.2	8.9
SSE	1.0	1.3	1.7	.8	.0	.0						4.9	7.1
S	2.1	1.8	.6	.1								4.6	4.3
SSW	1.0	.6	.2	.0								1.9	4.2
SW	.9	1.2	1.0	.1	.0	.0						3.2	5.6
WSW	.6	1.0	2.4	.9		.0						4.8	8.1
W	1.4	2.1	3.9	1.9	.4	.0						9.7	8.3
WNW	.7	1.1	4.1	4.1	1.4	.2						11.6	11.2
NW	1.0	1.3	2.2	1.3	.3	.1	.0					6.6	8.8
NNW	.4	.3	.3	.7	.1							2.1	9.2
VARBL													
CALM												5.4	
	16.7	22.0	32.9	17.6	4.6	.7	.0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

7200

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSJUL
MONTHALL WEATHER
CLASSALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.6	.4	.1	.0							2.1	4.6
NNE	.5	.2	.3	.0	.0							1.0	3.0
NE	.8	.5	.1	.0	.0							1.4	4.1
ENE	.9	.6	.3	.0								1.9	4.4
E	2.1	3.0	3.6	.5	.1							9.3	6.3
ESE	1.1	1.8	3.5	1.8	.4	.0						8.7	8.6
SE	2.9	4.4	5.5	2.4	.6	.0						15.9	7.6
SSE	.9	1.1	1.5	.4								3.8	6.5
S	2.1	1.8	.4	.0								4.3	4.1
SSW	1.0	.7	.1									1.9	3.7
SW	1.4	1.4	.6	.0	.0							3.5	4.7
WSW	.6	.8	1.5	.6								3.5	7.4
W	1.5	2.2	4.4	2.2	.4	.1						10.7	8.5
WNW	1.1	1.5	4.0	3.9	1.4	.3						12.1	10.8
NW	1.7	2.7	3.7	2.1	1.0	.1	.0					11.3	8.8
NNW	.8	.8	.5	.5	.1	.1						3.1	7.3
VARBL													
CALM												5.6	
	20.6	24.0	30.4	14.6	4.1	.6	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.6	.2	.1								2.4	4.2
NNE	.7	.1	.1	.0								.9	3.7
NE	1.6	.6	.1	.0								2.4	3.6
ENE	1.0	.7	.5	.0								2.2	4.6
E	2.6	4.2	5.1	.8	.2	.0						12.9	6.6
ESE	1.5	2.0	4.0	1.5	.6							9.6	8.3
SE	3.0	4.2	6.2	2.4	.3							16.1	7.5
SSE	1.1	1.0	1.4	.2								3.7	6.0
S	2.4	1.2	.2	.0								3.8	3.6
SSW	1.0	.5	.1									1.6	3.6
SW	1.2	1.0	.4	.1								2.6	4.4
WSW	.5	.6	.6	.1	.0							1.9	5.9
W	1.5	1.9	3.2	1.6	.3	.0	.0		.0			8.6	8.1
WNW	.8	1.7	4.4	3.7	1.4	.6	.0	.0				12.6	11.3
NW	1.7	2.6	3.0	1.7	.6	.2	.1					9.7	8.5
NNW	.7	.7	.4	.1	.1							2.0	5.6
VARBL													
CALM												7.0	
	22.6	23.7	29.7	12.4	3.5	.9	.1	.0	.0			100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.8	.3	.0	.0							2.7	4.0
NNE	.6	.2	.1									.8	3.6
NE	1.2	.4	.0									1.6	3.3
ENE	1.1	1.2	.4									2.6	4.4
E	4.1	5.6	4.3	1.3	.5	.3						16.0	6.7
ESE	1.4	1.8	3.2	1.7	1.8	.6						10.1	10.3
SE	2.4	3.6	4.8	2.4	.8	.1	.0					14.2	8.2
SSE	.9	.8	.8	.1	.0	.0						2.7	5.7
S	1.5	.5	.1									2.2	3.4
SSW	.7	.3	.1									1.2	3.6
SW	.9	.5	.2	.0								1.6	4.1
WSW	.4	.4	.5	.1								1.4	6.3
W	1.4	1.6	2.2	1.7	.3	.1						7.2	8.1
WNW	1.0	1.7	4.8	3.4	1.6	.3						12.6	10.5
NW	2.3	4.0	4.6	1.4	.7	.1						13.2	7.7
NNW	1.4	.8	.3	.1								2.7	4.5
VARBL													
CALM												7.2	
	22.9	24.4	26.6	12.2	3.4	1.4	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

7195

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
 STATION

NORMAN WELLS NWT DOT APT
 STATION NAME

57-66
 YEARS

DCT
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	.8	.1									3.1	3.3
NNE	.6	.2	.0									.8	3.1
NE	2.0	.6	.0									2.7	3.2
ENE	1.4	1.4	.3									3.1	4.2
E	4.4	5.3	4.7	.9	.6	.2						16.1	6.6
ESE	1.5	2.1	3.7	2.6	1.4	.4	.0					11.7	10.0
SE	1.9	2.5	3.6	2.5	.9	.1	.0					11.5	9.0
SSE	.6	.2	.5	.3								1.6	6.3
S	.5	.3	.1									.9	3.6
SSW	.3	.1										.4	3.1
SW	.5	.1	.0	.0								.6	3.7
WSW	.3	.2	.1	.0								.7	5.2
W	1.0	1.3	3.0	1.4	.3	.1						7.2	8.7
WNW	1.2	1.9	5.3	5.2	1.6	.3	.0					15.6	10.7
NW	3.5	3.9	4.2	1.3	.6	.1						13.6	7.1
NNW	1.6	1.3	.3	.1	.0							3.4	4.3
VARBL													
CALM												7.1	
	23.6	22.2	26.0	14.3	5.5	1.2	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION NURMAN WELLS NWT DDT APT 57-66 YEARS NOV
STATION NAME CLASS ALL
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	.8	.1									3.7	3.3
NNE	.9	.0										.9	2.6
NE	1.8	.4	.0									2.3	3.1
ENE	1.6	1.2	.2									3.1	3.9
E	3.6	3.4	3.8	.4	.0							15.3	5.1
ESE	2.7	2.6	2.8	1.3	.6	.3	.1	.0				10.3	6.1
SE	2.4	1.8	1.9	.9	.3	.2						7.4	7.6
SSE	.5	.2	.1	.1	.1							.9	6.2
S	.3	.1	.1									.6	3.3
SSW	.2	.1	.0									.3	3.3
SW	.3	.1										.3	2.8
WSW	.2	.2	.1	.0								.6	5.1
W	1.4	1.4	2.1	2.0	.3	.0						7.2	8.3
WNW	2.4	2.6	3.7	3.6	.9	.2	.0					15.3	9.0
NW	3.2	3.0	3.9	.8	.4	.2	.1					13.4	6.2
NNW	3.0	1.0	.3									4.2	3.4
VARBL													
CALM												11.7	
	31.4	22.8	20.9	9.1	2.8	1.0	.2	.0				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7200

6
2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.1										1.3	2.5
NNE	.7	.0		.0								.8	2.7
NE	1.0	.2	.0									1.8	2.7
ENE	1.7	.6	.2									2.4	3.4
E	6.2	3.9	2.5	.4	.1							13.1	4.8
ESE	2.9	2.4	2.7	1.3	.4	.2	.1	.0				11.0	7.0
SE	4.1	2.1	2.1	1.2	.7	.2	.0					10.6	7.2
SSE	.8	.2	.1	.1								1.2	4.3
S	.6	.0	.0									.6	2.5
SSW	.2	.0										.2	2.5
SW	.6	.1	.0									.7	2.8
WSW	.6	.2	.1	.0								1.0	4.1
W	2.3	1.9	2.7	2.0	.3	.1						9.5	7.7
WNW	2.6	2.4	3.1	4.3	1.4	.4	.1					16.4	9.7
NW	3.4	2.0	1.4	.8	.7	.5	.2	.0				8.9	8.0
NNW	1.1	.2	.1		.0							1.3	3.1
VARBL													
CALM												19.2	
	31.9	16.3	17.1	10.3	2.6	1.4	.4	.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.1										1.4	2.5
NNE	.5											.3	2.6
NE	1.4	.1										1.5	2.6
ENE	.8	.2										1.0	2.4
E	3.1	4.3	2.4	1.1	.4							13.2	5.7
ESE	4.6	2.4	2.9	.6	.8	.1	.3					11.7	7.2
SE	3.0	2.8	1.7	.4	.3	.1						11.0	5.1
SSE	.9	.3		.1								1.3	4.1
S	.6											.6	2.2
SSW	.1											.1	2.0
SW	.1	.1										.2	3.5
WSW	.4											.4	2.5
W	1.6	1.3	2.4	1.7	.4	.1						7.5	8.8
WNW	3.0	1.9	4.5	4.6	2.8	.6						17.5	10.7
NW	3.5	3.0	2.5	1.4	1.3	.6	.6	.1				13.1	10.0
NNW	1.0	.4	.3	.3	.2							2.3	7.3
VARBL													
CALM												16.6	
	30.3	17.0	16.7	10.3	6.2	1.6	1.0	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSJAN
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.1										1.7	2.5
NNE	.3											.3	2.7
NE	1.1	.2										1.3	2.9
ENE	1.8	.4										2.3	3.0
E	5.2	5.3	2.5	.6	.8							14.3	5.7
ESE	3.9	2.5	2.0	.9	.4	.3	.2					10.2	7.0
SE	5.1	2.3	1.8	.4	.5	.2	.1					10.4	6.2
SSE	.5	.2	.1		.1							1.0	5.6
S	.6											.6	2.3
SSW	.3	.1										.4	3.0
SW	.3											.3	2.7
WSW			.1									.1	10.0
W	2.5	1.1	2.2	1.9	.2	.1		.1				8.1	8.2
WNW	2.0	1.8	4.2	6.4	3.2	.6		.2	.1			16.3	11.8
NW	3.4	3.4	2.2	2.3	1.9	.5	.2	.1				14.1	9.7
NNW	.9	.1			.2	.1						1.3	7.2
VARBL													
CALM												17.1	
	29.6	17.5	15.1	10.5	7.4	1.7	.5	.4	.1			100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DDT APT
STATION NAME57-66
YEARSJAN
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4				.1							1.5	3.4
NNE	.4											.4	2.9
NE	1.3	.2										1.5	2.5
ENE	.6	.2										.9	3.1
E	6.0	4.6	2.4	.9								13.9	5.1
ESE	4.9	4.0	3.4	1.2	.3	.2	.1					14.2	6.5
SE	4.2	3.3	1.6	1.1	.5	.1	.2					11.1	6.8
SSE	.4	.3										.8	3.7
S	.4	.1										.5	3.0
SSW	.3											.3	2.3
SW	.2		.1									.3	4.3
WSW	.5		.1									.6	3.2
W	1.8	1.4	1.7	1.9	.1		.1					7.1	8.1
WNW	2.3	2.0	6.2	4.6	2.3	.6	.1	.1				18.3	10.7
NW	3.3	2.2	1.4	1.8	2.3	.4	.1	.1				11.6	10.0
NNW	.3	.1	.2	.3	.1							1.3	8.2
VARBL													
CALM												15.7	
	28.8	18.5	17.2	11.8	5.7	1.4	.6	.2				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

920

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
 STATION

GIKMAN WELLS NWT DDT APT
 STATION NAME

57-66
 YEARS

JAN
 MONTH

ALL WEATHER
 CLASS

0900-1100
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6				.1							.8	4.3
NNE	.4											.4	1.8
NE	1.2	.1										1.3	2.4
ENE	1.7	.4										2.2	2.7
E	5.3	5.3	3.2	.5	.1							14.4	5.3
ESE	4.4	3.0	3.5	1.4	1.2	.3						13.9	7.6
SE	4.9	1.5	2.0	.9	.8	.1						10.2	6.6
SSE	.8	.4										1.2	3.5
S	.6											.6	2.2
SSW	.2											.2	2.3
SW	.2											.5	2.4
WSW	.3											.3	2.7
W	2.0	1.4	2.3	1.7	.2	.1						7.7	7.9
WNW	3.3	2.4	4.2	4.4	2.3	.5	.1					17.2	10.0
NW	3.1	2.0	2.4	2.0	2.2	.4	.3					12.5	10.0
NNW	1.4		.1	.4								1.9	5.2
VARBL													
CALM												14.6	
	31.6	16.6	17.7	11.4	6.8	1.5	.4					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

940

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 RUFMAN WELLS NWT DDT APT 57-66 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.2										1.9	2.4
NNE	.3											.3	3.0
NE	1.3											1.3	2.3
ENE	.6											.6	2.3
E	4.7	2.3	1.3	1.2	.1							9.6	5.5
ESE	3.8	2.4	3.3	1.4	.4	.3	.1					11.7	7.5
SE	7.3	3.1	1.6	1.3	.9	.1						14.3	6.0
SSE	2.0	.1										2.2	2.7
S	1.5	.3										1.8	2.9
SSW	.3	.1										.4	3.0
SW	1.0											1.0	2.4
WSW	1.4		.1									1.5	2.6
W	2.9	1.8	2.4	2.8	.4							10.3	7.7
WNW	3.4	2.4	3.9	4.3	1.3	.8	.2					16.7	9.7
NW	2.5	1.0	3.0	2.0	2.0	.5						11.1	10.6
NNW	.6	.2	.1	.1	.2	.1						1.4	8.5
VARBL													
CALM												13.9	
	35.4	13.4	15.7	13.1	5.4	1.8	.3					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
 STATION

FORMER WELLS NWT DCT APT
 STATION NAME

57-66
 YEARS

JAN
 MONTH

ALL WEATHER
 CLASS

1500-1700
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.1										1.6	2.5
NNE	.3	.1										.4	2.8
NE	1.6											1.6	2.5
ENE	.4	.2										.6	3.2
E	2.7	3.3	3.0	.8	.1							9.9	6.3
ESE	3.4	3.5	2.9	1.2	.3	.2						11.6	6.7
SE	5.9	3.0	3.0	1.0	.6	.3						13.9	6.4
SSE	1.5	.2				.2						1.9	5.2
S	.5	.3										.9	3.1
SSW	.2											.2	2.5
SW	.4											.4	2.3
WSW	.9	.2	.2									1.3	3.8
W	1.8	2.0	2.2	1.8	.3							8.2	7.8
WNW	2.9	1.6	4.5	4.3	1.9	.6	.2	.1				16.2	10.6
NW	5.1	2.4	2.0	2.6	1.1	.3	.1					13.5	8.2
NNW	.4	.1		.2	.2							1.0	8.6
VARBL													
CALM												16.7	
	29.7	17.2	17.8	11.8	4.6	1.7	.3	.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202

STATION

NORMAN WELLS NWT DOT APT

STATION NAME

57-66

YEARS

JAN

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.1										1.5	2.5
NNE	.8											.8	2.1
NE	1.0	.1										1.1	2.6
ENE	1.1		.1									1.2	2.9
E	4.8	3.7	2.6	.8	.2							12.0	5.4
ESE	4.5	2.5	2.5	1.3	.4	.2						11.4	6.7
SE	4.2	3.2	2.8	.4	.3	.5	.1					11.6	6.7
SSE	1.4	.5	.2	.1		.1						2.4	4.9
S	1.1	.1										1.2	2.8
SSW	.2											.2	2.5
SW													
WSW			.1									.1	8.0
W	2.5	1.2	2.5	1.7	.5							8.6	8.1
WNW	2.8	1.0	4.1	4.9	1.5	.5	.3	.2				15.4	11.4
NW	2.9	2.3	2.7	1.1	.9	.3	.3	.1				10.5	9.1
NNW	1.2	.1	.1	.1	.3	.1						1.9	7.5
VARBL													
CALM												20.3	
	29.8	14.7	17.6	10.4	4.2	1.8	.8	.3				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DUT APT
STATION NAME57-66
YEARSJAN
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.2										1.1	2.9
NNE	.2	.1										.3	2.7
NE	1.4	.1										1.5	2.4
ENE	1.2	.3										1.7	3.1
E	3.9	3.4	3.9	1.3	.4							12.9	6.5
ESE	4.1	2.2	3.1	.5	.5	.2		.1				10.8	6.7
SE	4.8	3.9	1.8	.3	.1	.3						11.3	5.4
SSE	.6	.3	.2	.2								1.4	6.0
S	.8											.8	2.4
SSW	.1	.1										.2	2.5
SW	.6	.1										.8	2.7
WSW	.3											.3	2.0
W	2.7	1.0	2.5	1.9	.4							8.5	8.1
WNW	2.7	1.8	4.8	4.0	1.9	.5	.2	.1	.1			16.2	10.9
NW	2.3	1.9	3.0	.9	.9	.2	.1	.3				9.6	9.4
NNW	1.3	.3	.1	.8	.3							3.0	8.3
VARBL													
CALM												19.7	
	27.8	16.0	19.5	9.9	4.8	1.3	.3	.5	.1			100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSFEB
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.1										1.5	2.4
NNE	.1	.2										.4	4.0
NE	1.4	.2										1.7	2.7
ENE	1.2	.2										1.4	2.8
E	6.6	4.1	3.5									14.3	4.7
ESE	4.6	4.0	3.0	1.1	.1	.1						12.9	5.9
SE	3.3	3.7	2.7	1.4	1.2							12.3	7.3
SSE	.6		.4									.9	4.6
S	.6	.1										.7	2.8
SSW	.2											.2	2.5
WSW	.7	.1	.2									.5	2.5
W	3.1	1.4	2.0	1.4	.1							1.1	4.4
WNW	2.6	2.0	4.1	4.5	.8	.1						8.0	7.0
NW	3.2	2.8	2.8	.7	.6	.4	.1					14.2	9.3
NNW	1.2	.4	.2	.4	.1	.2						10.6	7.4
VARBL												2.5	8.1
CALM												16.8	
	31.3	19.5	19.0	9.5	3.0	.8	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION NORMAN WELLS NWT DOT APT 57-66 YEARS FEB MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.2										1.5	2.8
NNE	.1											.1	3.0
NE	1.1	.1										1.2	2.7
ENE	.6	.5	.1									1.2	4.0
E	5.0	4.5	2.8									12.3	4.8
ESE	5.2	4.0	3.0	1.2		.1		.1				13.6	5.9
SE	4.4	4.1	2.8	1.8	1.1	.1						14.3	7.1
SSE	.9	.2	.1	.2								1.5	5.4
S	1.4											1.4	2.0
SSW	.4											.4	2.0
SW	.5	.1										.6	2.8
WSW	.9	.1										1.1	2.6
W	3.3	1.5	1.4	1.7	.5							8.4	7.2
WNW	2.5	2.0	5.1	2.7	1.5	.4						14.2	9.8
NW	3.8	1.8	1.8	1.1	.6	.4						9.3	7.4
NNW	1.1	.5	.1	.2	.2	.1						2.2	7.3
VARBL													
CALM												16.7	
	32.4	19.7	17.3	8.9	3.9	1.1		.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WE SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DUT APT
STATION NAME57-66
YEARSFEB
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	.2										2.1	2.6
NNE													
NE	1.5	.4										1.9	2.9
ENE	1.1	.4	.1									1.5	3.6
E	5.2	4.8	3.5	.5								14.1	5.0
ESE	3.6	3.1	3.4	1.1		.1		.2				11.7	6.8
SE	5.1	3.1	3.5	1.5	.9	.1						14.3	7.0
SSE	.7	.4	.1	.1								1.3	4.6
S	.8											.8	2.6
SSW	.2											.2	3.0
SW	.9	.2										1.2	2.6
WSW	.2		.1									.4	4.0
W	2.1	.9	1.4	1.9	.2							6.6	7.8
WNW	2.4	2.5	3.2	3.2	2.1	.1						13.5	9.9
NW	3.6	2.8	1.7	.7	.6	.4						9.9	6.8
NNW	.9	.6		.1	.4							2.0	6.5
VARBL													
CALM												16.4	
	30.7	19.6	17.1	9.1	4.3	.7		.2				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.1										1.5	2.6
NNE	.5											.5	2.3
NE	1.2	.2										1.4	2.5
ENE	.5	.1										.6	3.0
E	4.3	3.8	1.9	.1								10.0	4.5
ESE	3.4	2.4	4.7	.9	.1	.2						13.8	6.2
SE	3.4	4.4	5.7	1.2	.6	.4						17.6	6.8
SSE	1.9	.2	.2	.2	.1							2.7	4.9
S	1.3	.1										1.4	2.7
SSW	.7											.7	2.2
SW	1.1											1.1	2.4
WSW	.9	.2										1.2	3.1
W	4.1	1.8	1.5	.7	.7							8.9	6.1
WNW	3.7	1.3	3.3	3.7	1.1	.1						13.4	8.9
NW	2.8	2.8	1.9	.7	1.1	.1						9.5	7.4
NNW	.5	.1			.5	.4						1.4	13.3
VARBL													
CALM												14.3	
	33.7	17.8	19.3	7.6	4.1	1.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DGT APT
STATION NAME

57-66
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	2.5
NNE													
NE	.5											.5	2.5
ENE	.4											.4	2.3
E	.8	1.1	1.3	.1	.1							3.4	6.3
ESE	2.7	2.1	2.7	1.2	.4							9.1	6.9
SE	6.0	5.8	7.8	1.8	.8	.1						22.3	6.8
SSE	2.8	1.7	.4	.1	.1	.1						5.2	5.1
S	3.4	.6										4.0	2.7
SSW	.9	.1										1.1	2.7
SW	2.7	.5										3.2	2.9
WSW	1.4	.7	.7									2.8	4.3
W	3.4	3.3	2.5	.7	.6	.1						10.6	6.4
WNW	2.6	2.1	3.3	3.9	1.1	.2	.1					13.4	9.7
NW	2.7	1.4	2.6	.6	.7	.6	.1					8.7	8.7
NNW	.2		.1	.2	.2	.1						.9	13.3
VARBL													
CALM												14.1	
	31.0	19.4	21.4	8.6	4.0	1.3	.2					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7											.7	2.3
NNE	.4											.4	2.3
NE	.7											.7	2.2
ENE	.8	.2										1.1	3.2
E	2.4	2.9	1.4									6.3	4.9
ESE	3.1	1.9	3.0	.4	.2							8.4	6.1
SE	7.2	5.2	4.8	1.9	.7	.2						20.1	6.5
SSE	1.7	.9	.1	.2								3.0	4.3
S	1.7	.4										2.0	2.6
SSW	.9	.1										1.1	2.8
SW	1.8			.1								1.9	3.2
WSW	1.4	.6	.5	.1								2.6	4.3
W	5.8	4.0	2.7	1.3	.5							14.3	5.8
WNW	3.8	2.5	4.0	2.3	2.0	.2	.1					16.0	9.0
NW	2.1	1.3	2.7	1.8	.7	.7						9.3	9.8
NNW	.1		.1	.2	.4							.8	13.7
VARBL													
CALM												11.5	
	34.5	19.5	19.4	9.2	4.5	1.2	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONHOPMAN WELLS NWT DOT APT
STATION NAME97-66
YEARSFEB
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	.1		.1								2.2	3.1
NNE	.5											.5	2.3
NE	1.5	.5										2.0	3.1
ENE	1.5	.5	.1									2.1	3.4
E	4.1	3.1	4.0	.1								13.4	5.1
ESE	3.8	2.7	3.2	.6	.2							10.5	5.8
SE	3.9	3.7	2.4	1.2	.4	.4						11.8	6.7
SSE	.7	.1	.4									1.2	4.0
S	.5	.1										.6	3.0
SSW	.6											.6	2.2
SW	.4											.4	2.7
WSW	.6			.4	.1							1.3	7.0
W	4.1	2.6	1.3	1.3	.4	.4						10.0	6.8
WNW	4.5	3.4	5.4	3.1	1.7	.1						18.2	8.3
NW	4.1	2.6	1.3	1.9	.5	.5	.1					11.1	7.9
NNW	.6	.1	.2	.2	.1							1.3	6.6
VARBL													
CALM												12.8	
	33.6	21.5	18.6	8.9	3.3	1.3	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DUT APT
STATION NAME57-66
YEARSFEB
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.1										1.7	2.3
NNE	.2											.2	2.0
NE	2.1											2.1	2.5
ENE	2.0	.6	.2									2.8	3.5
E	3.2	3.2	3.8									12.2	5.0
ESE	3.5	3.4	3.9	1.1	.1							12.1	6.3
SE	4.5	3.3	2.6	.7	.9	.2						12.3	6.7
SSE	.7	.5										1.2	3.5
S	.4											.4	2.0
SSW	.1											.1	3.0
SW	.1	.1	.1									.4	5.7
WSW	.4	.5	.1	.1								1.1	5.3
W	3.2	1.8	1.5	2.2	.4	.2						9.3	7.5
WNW	2.1	2.1	4.1	2.8	.8	.1	.1					12.3	9.2
NW	4.6	2.2	2.7	1.9	.8	.5	.1					12.9	8.1
NNW	1.3	.6	.2		.2	.1						2.5	6.3
VARBL													
CALM												16.5	
	32.0	18.4	19.4	8.9	3.3	1.2	.2					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 DOUGLAS WELLS NWT DDT APT 57-66 ALL WEATHER 0000-0200
STATION NAME CLASS MONTH
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.2										1.2	2.6
NNE	.4											.4	2.5
NE	1.2	.1										1.3	3.0
ENE	.6	.2	.1									1.0	3.2
E	4.4	3.5	3.4	.5								12.5	5.1
ESE	5.3	3.1	3.0	1.1	1.0	.8						14.2	7.4
SE	4.6	2.5	1.9	.3	.3							9.7	5.0
SSE	.3	.3	.1									.8	4.7
S	1.1											1.1	2.2
SSW	.8											.8	2.6
SW	.6											.6	2.3
WSW	.4		.1	.1								.6	4.8
W	3.1	2.4	3.1	1.7	.3							10.6	7.0
WNW	2.7	3.9	6.0	2.9	2.0	.5	.1					18.2	9.4
NW	4.4	3.7	2.8	.8	.2							11.6	5.7
NNW	1.7	.5										2.3	3.0
VARBL													
CALM												13.2	
	33.0	20.4	20.6	7.4	3.9	1.3	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 FTAG/USAF
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 6222 CURRAN WELLS NNT DUT APT STATION NAME 57-66 YEARS 1 YEAR AR MONTH 0300-0500 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1		.1									1.2	2.9
NNE	.5	.1										.6	2.5
NE	1.1											1.1	2.4
ENE	.6	.1										.8	3.0
E	4.8	3.0	2.2	.5								10.5	4.9
ESE	5.1	3.5	2.7	1.3	.4	.6	.1					13.8	6.9
SE	4.4	2.9	1.0	.6	.1	.1						9.1	5.1
SSE	1.0	.1	.3	.1								2.2	4.2
S	1.4	.1	.1									1.6	2.9
SSW	.1											.1	2.0
SW	.6	.2										.9	3.1
WSW	.6		.1									.8	3.4
W	3.6	2.3	2.8	1.5	.3	.1						10.2	7.0
WNW	4.7	3.2	5.5	3.2	1.8	.3	.1					18.2	8.9
NW	4.7	3.4	1.9	.2	.3							10.6	5.2
NNW	1.7	.4	.1									2.5	3.0
VARBL													
CALM												15.9	
	32.4	19.5	16.8	7.5	3.0	1.2	.2					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT OUT APT
STATION NAME57-66
YEARSMAR
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.1										.8	2.6
NNE	.4											.4	2.3
NE	1.1	.3										1.4	2.8
ENE	.6	.5										1.2	3.6
E	3.8	3.7	1.9									9.4	4.6
ESE	5.1	3.1	2.4	1.0	.5	.3	.4					12.8	7.2
SE	6.0	2.8	2.7	.3	.2							12.3	5.3
SSE	1.6	.4	.1									2.2	3.2
S	1.0											1.0	2.7
SSW	.1											.1	2.0
SW	.0	.1	.1									.9	3.4
WSW	.4	.1										1.0	2.8
W	3.7	2.3	2.4	2.0	.3							10.6	7.0
WNW	4.0	3.1	4.9	3.1	1.1	.1	.1					16.5	8.2
NW	4.4	2.4	1.5	.6	.3	.4						10.2	6.1
NNW	1.8	.3										2.2	2.9
VARBL													
CALM												17.3	
	36.2	19.2	16.0	7.3	2.5	.9	.5					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT OUT APT
STATION NAME

57-66
YEARS

4AR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE	.3											.3	2.0
NE	.3											.3	2.0
ENE	.3											.3	3.0
E	1.8	1.0	.2									3.0	3.6
ESE	3.3	1.4	2.2	.5	.4	.9	.4					9.1	8.9
SE	7.3	6.7	5.4	1.2	.5	.1						21.2	6.0
SSE	2.9	1.7	.2	.2								5.1	4.3
S	3.4	.4										3.9	2.8
SSW	2.5	.2										2.7	2.8
SW	3.5	1.3	.2									5.1	3.4
WSW	1.2	1.0	1.3	.3								3.8	3.8
W	2.5	2.9	4.6	2.6	.3							12.9	8.0
WNW	2.2	.8	4.4	4.1	.9	.3	.5					13.1	11.2
NW	1.4	1.6	2.0	.8	.6	.3	.1					6.9	9.3
NNW	.1											.1	2.0
VARBL													
CALM												12.2	
	33.2	18.9	20.5	9.7	2.8	1.6	1.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20202
STATIONNORMAN WELLS NWT DDT APT
STATION NAME57-66
YEARSMAR
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.1											.1	3.0
NE	.1											.1	2.0
ENE													
E	.2	.1	.2	.3			.1					1.0	10.2
ESE	1.2	.6	.9	.9	.2	.6	.1	.1				4.6	11.2
SE	4.2	4.4	7.6	2.7	.8	.4						20.1	7.7
SSE	3.5	1.8	1.4	.5	.2							7.5	5.3
S	6.2	.9	.2									7.3	3.0
SSW	3.4		.1									3.5	2.8
SW	6.8	1.8	.6									9.2	3.5
WSW	1.1	1.4	4.3	.4	.2							7.4	7.4
W	2.3	2.8	6.0	3.3	1.0	.1						15.5	6.9
WNW	.9	.5	2.5	4.5	2.0	.5	.1					11.1	13.0
NW	.4	.4	.8	1.7	.4	.6	.3					4.7	14.3
NNW	.2											.2	3.0
VARBL													
CALM												7.5	
	30.6	14.8	24.6	14.4	4.8	2.4	.6	.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DUT APT
STATION NAME97-66
YEARSMAR
MONTHALL WEATHER
CLASS1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1										.2	3.0
NNE												.1	2.0
NE	.1											.1	4.0
ENE		.1										.1	9.8
E	.8	.3	.1	.1	.1	.1	.2					1.7	10.3
ESE	.8	1.6	1.9	1.4	.5	.6						6.8	7.0
SE	3.8	4.6	7.1	1.5	.5							17.5	6.1
SSE	1.6	.8	1.7	.3								4.9	2.9
S	4.3	.5	.1									3.4	9.3
SSW	3.2	.2										6.8	6.1
SW	3.9	1.4	.3									13.4	7.3
WSW	2.0	1.5	2.6	.6								17.1	11.9
W	2.8	4.4	5.7	2.2	.2	.1						.2	2.3
WNW	2.7	1.1	3.2	5.9	3.3	.8	.1					10.3	
NW	.4	.3	2.0	1.7	.4	.4							
NNW	.2												
VARBL													
CALM												10.3	
	26.6	17.0	24.8	13.8	5.2	2.0	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION NURMAN WELLS NWT DOT APT STATION NAME 57-66 YEARS MAR MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.6										1.5	3.6
NNE	.2	.3										.9	3.3
NE	1.2	.3										1.5	2.9
ENE	.5	.5	.1									1.2	4.0
E	1.7	3.0	1.2	.6		.1	.2					6.9	7.0
ESE	1.6	3.0	3.7	3.1	.3	.5	.1					12.4	9.3
SE	2.4	2.6	4.1	.2	.2							10.0	6.4
SSE	1.7	.2	.1	.1								2.2	3.6
S	.6	.3										1.0	3.2
SSW	1.5	.1										1.6	2.3
SW	1.2											1.2	2.2
WSW	1.3	.1	.1	.2								1.7	4.4
W	5.2	4.5	2.7	1.2								13.5	5.4
WNW	3.8	3.0	5.2	5.2	2.3	.2						19.6	9.5
NW	2.9	2.2	2.3	2.4	1.1	.1						10.9	8.5
NNW	1.6	.4	.2	.1								2.4	4.0
VARBL													
CALM												11.7	
	29.1	21.3	19.6	13.1	3.9	1.0	.3					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DDT APT
STATION NAME57-66
YEARSMAR
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.1										1.5	2.6
NNE	.6											.6	2.3
NE	.6	.2	.1									1.0	3.4
ENE	.8	1.0	.2									1.9	4.3
E	3.9	2.3	3.2	.5		.3						10.2	6.1
ESE	3.2	2.7	3.7	1.6	1.5	.3	.1					13.1	8.7
SE	2.8	3.5	3.5	.4	.2							10.3	5.9
SSE	1.1	.3										1.4	3.1
S	1.1	.1										1.2	2.3
SSW	.3											.3	3.0
SW	.5											.5	2.2
WSW	.1	.1	.1	.1								.4	6.8
W	3.3	2.6	4.7	1.6	.4							12.7	7.1
WNW	2.5	2.5	5.4	4.3	1.1	.5						16.2	9.9
NW	4.3	2.9	2.9	.8	.3							11.4	6.2
NNW	1.1	.2	.2									1.9	3.6
VARBL													
CALM												15.4	
	27.6	18.5	24.1	9.4	3.8	1.2	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
 STATION

MURMAN WELLS NWT DDT APT
 STATION NAME

57-66
 YEARS

APR
 MONTH

ALL WEATHER
 CLASS

0000-0200
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.2	.1									1.9	3.2
NNE	.6											.6	2.2
NE	1.0	.1										1.1	2.8
ENE	1.0	1.1	.3									2.4	4.4
E	4.2	5.9	4.4	.1	.2							14.6	5.5
ESE	4.7	2.8	3.8	.9	.8	.1						13.0	6.7
SE	4.0	3.1	4.2	.6	.3							12.2	6.2
SSE	1.2	.1										1.3	2.8
S	1.6											1.6	2.2
SSW		.1										.1	5.0
SW	1.0		.1									1.1	2.7
WSW				.1								.1	16.0
W	1.6	1.7	2.1	1.6	.2							7.3	8.0
WNW	2.8	3.2	6.7	4.0	1.9	1.1	.8					20.4	10.7
NW	3.3	2.7	1.9	1.3	.1							9.3	6.2
NNW	1.1	.6	.1									1.8	3.8
VARBL													
CALM												10.8	
	29.6	21.6	23.8	8.8	3.6	1.2	.8					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

APR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.2										1.2	2.9
NNE	.6											.6	2.6
NE	1.7	.4										2.1	2.8
ENE	.6	.3	.3									1.2	4.8
E	4.4	4.4	5.6	.2	.3							15.4	5.6
ESE	3.4	3.9	3.4	.8	.7	.1						12.3	6.7
SE	6.2	2.9	2.0	.6	.4							12.1	5.3
SSE	.3	.9	.1									1.3	4.5
S	1.2											1.2	2.4
SSW	.2											.2	3.0
SW	.7											.7	2.5
WSW	.3		.1									.4	4.0
W	2.6	1.9	1.7	2.1	.2	.2						8.9	8.0
WNW	2.7	2.9	6.0	4.4	2.3	.9	.1					19.3	10.9
NW	3.3	1.8	1.2	1.2	.9							8.4	7.2
NNW	1.7	.3	.1		.1							2.2	4.0
VARBL													
CALM												12.2	
	31.6	20.0	20.6	9.3	5.0	1.2	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

MURMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8											.8	2.6
NNE	.1											.1	2.0
NE	.8											.8	2.7
ENE	.0	.1										.7	2.7
E	2.7	2.3	2.6	.1								7.7	5.2
ESE	3.3	2.2	3.1	.9	.7	.3						10.6	7.3
SE	6.2	5.6	4.1	.8	.3							17.1	5.6
SSE	2.6	.9	.3	.1								3.9	4.0
S	1.8	.2										2.0	2.7
SSW	1.0	.2										1.2	2.9
SW	1.3		.1									1.4	2.7
WSW	.4	.9	.2	.1								1.7	5.4
W	3.4	2.7	3.3	1.9	1.0							12.8	7.3
WNW	1.3	1.9	4.7	4.9	2.3	1.4	.1					16.7	12.0
NW	1.9	1.6	2.7	1.1	.8	.4	.2					8.7	9.4
NNW	.7		.1									.8	3.4
VARBL													
CALM												13.2	
	29.4	18.6	21.2	9.9	5.1	2.2	.3					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSAPR
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.1											.1	2.0
NE													
ENE		.1										.1	5.0
E	.3		.7			.1						1.1	8.2
ESE	1.6	.9	2.4	1.1	.3	.2						6.6	8.5
SE	3.2	7.8	8.2	2.6	.6							22.3	7.3
SSE	3.6	2.8	1.3	.4								8.1	4.8
S	3.7	1.3										5.0	3.1
SSW	2.4	.4										3.3	2.8
SW	3.7	1.3	.9									5.9	4.0
WSW	1.2	1.9	4.0	1.6	.2							8.9	8.0
W	1.4	1.4	4.4	3.7	.9	.2	.1					12.2	10.3
WNW	1.1	.4	3.3	5.7	3.0	1.7						15.2	13.7
NW	.1	.4	2.1	1.9	.8	.6	.1					6.0	13.3
NNW													
VARBL													
CALM												5.1	
	22.4	18.9	27.4	16.9	5.8	2.8	.2					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DDT APT
STATION NAME

57-66
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	2.5
NNE													
NE													
ENE													
E	.2	.1		.1								.4	6.5
ESE	.1	.8	1.2	1.3	.7							4.1	10.8
SE	1.9	5.8	9.2	4.2	.4							21.6	8.2
SSE	1.7	3.9	2.8	.7								9.0	6.3
S	5.4	2.0										7.4	3.2
SSW	2.4	.4	.1									3.0	3.1
SW	2.8	2.0	1.9									6.7	4.9
WSW	.9	1.3	6.0	2.2	.2							10.7	8.9
W	1.3	1.8	6.1	4.6	.4	.2	.1					14.6	10.0
WNW	.1	.2	3.0	5.6	4.4	1.7						15.0	13.3
NW	.2	.1	.9	1.1	1.4	.9						4.7	15.8
NNW													
VARBL													
CALM												2.7	
	17.4	18.4	31.2	19.8	7.7	2.8	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DUT APT
STATION NAME

57-66
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.1									.2	6.0
NNE													
NE	.1	.1										.2	4.0
ENE			.1									.1	9.0
E	.1	.2	.2	.2								.8	8.1
ESE	.7	1.1	1.2	1.2	.8							5.0	10.1
SE	3.3	5.2	7.6	3.0	1.3							20.4	7.9
SSE	1.7	1.7	2.9	.7	.2							7.1	6.9
S	4.3	.8	.2									5.3	3.0
SSW	2.7	.4	.1									3.2	3.1
SW	3.3	2.0	1.2									6.6	4.4
WSW	.8	3.1	4.2	2.0	.1							10.2	8.0
W	1.9	2.3	5.7	4.3	.7	.3						15.2	9.4
WNW	.8	.6	2.1	6.8	4.1	1.6	.2	.2				16.3	15.0
NW	.2	.2	2.3	1.4	.4	.4	.2					5.6	12.6
NNW			.3		.1							.4	12.0
VARBL													
CALM												3.2	
	20.1	17.9	28.3	19.7	7.8	2.3	.4	.2				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION NAME: MOHAWK WELLS NWT DUT APT 57-66 YEARS: APR MONTH: 1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.2									.6	5.2
NNE	.2	.1										.3	3.3
NE	.4	.1										.6	3.2
ENE	.3		.1									.4	3.5
E	1.6	1.9	1.6	.2	.1							5.4	5.9
ESE	1.3	2.2	3.6	1.4	.9							9.4	8.6
SE	3.7	4.0	6.1	1.9	.2							15.9	7.0
SSE	.7	.6	1.4	.2								2.9	6.8
S	1.4	.3	.4									2.2	4.1
SSW	.6		.1									.7	3.7
SW	2.4	.3										3.1	2.6
WSW	1.3	.9	1.2	.2								3.7	5.6
W	4.8	2.9	4.6	2.4	.4							15.1	6.9
WNW	2.0	2.8	4.6	5.8	2.3	1.3	.3	.2				19.3	11.9
NW	1.8	1.9	2.6	2.2	1.0	.1	.2					9.8	9.6
NNW	.3	.4	.7	.2	.1							1.8	7.9
VARBL													
CALM												8.8	
	23.4	18.6	27.1	14.8	5.1	1.4	.6	.2				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26200
STATIONDORMAN WELLS NWT DUT APT
STATION NAME57-66
YEARSAPR
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.4										2.1	3.1
NNE	.4	.1										.6	3.0
NE	1.2	.3										1.6	3.1
ENE	1.4	1.2	.3									3.0	4.2
E	3.1	6.9	4.3		.1							14.4	5.6
ESE	2.0	3.7	3.9	1.2	.7							11.4	7.4
SE	3.4	3.6	3.0	1.4	.3							11.3	6.6
SSE	.9	.3	.8									2.0	5.1
S	.9	.1										1.0	2.9
SSW													
SW	.8	.2										1.0	3.3
WSW	.8	.3	.1									1.2	3.5
W	2.1	2.7	2.2	1.7	.2	.2						9.1	7.6
WNW	2.0	3.0	7.6	4.1	1.4	1.1	.3	.2				19.8	10.8
NW	1.9	2.0	3.1	1.3	.3							8.7	7.7
NNW	1.1	.4	.3									1.9	4.2
VARBL													
CALM												10.4	
	23.8	25.3	25.7	9.8	3.1	1.3	.3	.2				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DUT APT
STATION NAME57-66
YEARSMAY
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.5	.1	.1								2.5	3.8
NNE	.6	.1										.8	2.9
NE	.9	.6	.2		.1							1.8	4.8
ENE	1.7	1.2	.4									3.3	4.1
E	3.7	7.1	9.6	.4	.2							21.0	6.3
ESE	3.7	3.7	4.8	1.8	.4	.1						14.9	7.0
SE	4.2	4.2	3.3	1.0								12.7	5.8
SSE	1.4	.2	.4									2.0	3.9
S	.4											.4	2.3
SSW	.1											.1	3.0
SW	.9	.1										1.0	2.6
WSW	.3	.3	.1	.2								1.2	6.5
W	2.7	2.5	1.7	.9	.6							8.4	6.9
WNW	1.6	2.0	4.3	1.7	1.3	.1						11.3	8.9
NW	1.9	2.5	2.9	.9	.1	.1						8.4	6.9
NNW	1.0	.3	.4									1.7	4.7
VARBL													
CALM												8.9	
	27.0	25.6	28.4	7.0	2.8	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONMULMAN WELLS NWT OUT APT
STATION NAME57-66
YEARSMAY
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.0	.1									2.9	3.5
NNE	.2		.2									.8	4.1
NE	2.0	.4										2.9	2.9
ENE	1.2	.8	.2	.1								2.3	4.4
E	3.7	7.4	6.3	.3								17.7	5.7
ESE	3.5	3.7	6.1	1.5	.2	.1						15.2	6.9
SE	4.4	3.4	2.9	.6								11.4	5.2
SSE	1.1		.2									1.3	3.3
S	1.2	.2										1.5	2.8
SSW	.2	.1										.3	3.0
SW	1.1	.1										1.2	2.6
WSW	.8		.1									.9	3.6
W	1.9	1.5	1.4	1.6	.5							7.0	6.1
WNW	2.4	2.7	3.9	3.0	.6	.3						12.9	8.8
NW	2.2	1.9	2.6	1.3	.2							8.2	7.2
NNW	.4	.4	.2	.1								1.6	4.8
VARBL													
CALM												12.5	
	28.9	23.7	24.3	8.6	1.6	.4						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSMAY
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1											.1	3.0
NNE													
NE	.2	.1										.3	3.0
ENE	.5											.5	2.4
E	1.1	1.7	1.5	.3								4.6	6.0
ESE	1.1	3.1	4.9	1.6	.5	.1						11.4	8.3
SE	5.6	6.9	9.5	2.2	.5							24.6	6.8
SSE	3.2	1.2	1.3	.2								5.9	4.6
S	3.3	1.0	.2									4.5	3.2
SSW	.9	.3										1.2	3.3
SW	2.2	.9	.1									3.1	3.4
WSW	1.4	1.2	1.2	.1	.2							4.1	6.1
W	2.0	3.0	2.0	1.2	1.0	.3						9.6	8.5
WNW	1.1	1.0	4.0	2.8	1.5	1.0						11.3	11.6
NW	1.1	.9	2.5	2.5	.9	.1						7.8	10.5
NNW	.2		.1	.4								.8	9.9
VARBL													
CALM												10.1	
	24.0	21.2	27.3	11.3	4.0	1.5						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
 STATION

NUKMAN WELLS NWT DUT APT
 STATION NAME

57-66
 YEARS

MAY
 MONTH

ALL WEATHER
 CLASS

0900-1100
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE			.1									.1	9.0
NE	.1		.1									.2	6.9
ENE	.1											.1	3.0
E	.3	.2	.1	.1								.8	5.3
ESE	.5	1.0	1.7	1.7	1.1							6.0	10.3
SE	2.7	6.0	12.8	2.8	1.0							25.3	7.8
SSE	1.4	3.0	6.0	.6	.1							11.2	7.2
S	2.6	3.1	.6									9.4	3.6
SSW	1.7	1.5	.4									3.7	4.2
SW	3.0	1.2	1.3									5.5	4.3
WSW	1.0	1.4	3.9	1.4								7.6	7.7
W	1.3	2.5	3.6	2.4	.9	.4						11.0	9.5
WNW	.3	.2	1.5	3.8	2.0	1.4						9.4	14.8
NW	.1	.2	1.0	3.6	1.2	.2						6.2	14.2
NNW			.2	.5	.2							1.0	13.7
VARBL													
CALM												2.5	
	18.3	20.5	33.4	16.9	6.5	2.0						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 929

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 NULMAN WELLS NWT DDT APT

57-66

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1200-1400

MOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.4	.1								.5	9.6
NNE				.2								.2	14.9
NE		.1	.1	.1								.3	9.3
ENE													
E		.2			.1	.1						.4	13.3
ESE	.2	.1	.6	2.4	.6	.1						4.1	13.1
SE	1.5	3.5	11.3	3.4	.4	.1						20.3	8.7
SSE	1.5	3.0	6.6	1.0								12.0	7.3
S	4.5	4.2	1.0									9.7	4.2
SSW	2.3	2.0	.3									4.6	4.2
SW	1.6	2.0	3.1									6.8	5.9
WSW	1.3	1.5	4.3	2.5								9.6	8.3
W	.9	1.8	3.9	2.0	1.2	.4						10.2	10.4
WNW	.2	.6	1.9	3.3	3.1	.6						9.9	14.4
NW	.5		1.8	3.2	2.0							7.6	13.7
NNW	.2	.1	.3	.6	.5							1.8	13.1
VARBL													
CALM												1.8	
	14.7	19.4	33.7	18.9	8.1	1.4						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNEHEMAN WELLS NWT DDT APT
STATION NAME57-66
YEARSMAY
MONTHALL WEATHER
CLASS1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3		.6	.3								1.3	8.3
NNE			.3									.3	8.0
NE	.1		.3	.1								.3	7.6
ENE	.1		.2	.1								.4	8.8
E	.1	.3	.3	.1	.2	.1						1.2	10.7
ESE	.1	.5	2.3	1.9	.4							5.3	10.8
SE	1.7	4.0	8.8	4.1	.9							19.5	8.8
SSE	1.4	1.8	3.2	1.0	.2							9.7	7.5
S	3.3	2.5	.4	.1								6.3	4.1
SSW	2.7	1.6	.1									4.4	3.6
SW	2.3	2.7	1.7									6.7	5.1
WSW	.5	2.4	4.9	1.2								9.0	8.1
W	1.7	2.2	3.3	1.7	1.1	.1						10.1	8.9
WNW	.2	.9	2.4	3.3	3.1	.8						10.6	13.8
NW	.2	.5	1.7	4.3	1.9	.3						9.0	13.9
NNW	.2	.2	.9	1.1	.2	.1						2.7	11.9
VARBL													
CALM												2.9	
	15.1	19.6	33.5	19.4	8.2	1.4						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

920

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSMAY
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.5	1.3	.1								2.4	6.9
NNE	.5	.6	.3	.3	.2							2.0	7.7
NE	.2	.5	.4									1.2	5.9
ENE	.3	.1	.9									1.3	6.9
E	.9	1.7	1.1	.6	.3	.2						4.8	7.8
ESE	1.0	1.1	3.0	2.9	.4							8.4	9.7
SE	1.4	4.1	9.8	4.9	.2							20.4	8.6
SSE	.9	1.5	2.2	.1								4.6	6.3
S	1.0	.8	.3									2.0	4.4
SSW	1.1	.2	.1									1.4	3.4
SW	2.4	.5	.1									3.0	3.2
WSW	1.4	1.8	2.5	.2								5.9	5.9
W	2.9	2.3	2.9	1.3	.6							10.0	7.2
WNW	1.0	1.1	4.2	3.0	1.9	.2						11.4	11.1
NW	.5	1.7	5.4	2.7	1.6	.1						12.0	10.5
NNW	.3	.1	1.5	1.0	.1							3.0	10.1
VARBL													
CALM												6.0	
	16.1	18.7	35.9	17.2	5.5	.5						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20202

MURMAN WELLS NWT DOT APT

57-66

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.1	.2	.3								3.2	4.6
NNE	.5	.5	.1	.2		.1						1.5	6.4
NE	1.6	1.0	.4									3.0	4.3
ENE	.5	1.2	.6	.1	.1							2.6	5.8
E	3.0	6.2	5.1	.4		.3						15.1	6.1
ESE	1.6	2.6	5.9	1.6	.4							12.4	7.9
SE	2.0	4.4	5.9	2.0	.2							14.6	7.4
SSE	.4	.3	.1	.2								1.1	9.8
S	1.0	.2	.1									1.3	3.1
SSW	.4											.4	2.8
SW	.9											.9	2.8
WSW	.9	.4	.2									1.5	4.0
W	2.7	1.9	2.2	.5	.8							8.1	6.8
WNW	1.5	2.3	4.8	2.3	1.1							11.9	8.8
NW	2.2	1.8	3.8	1.8	.1							9.7	7.5
NNW	1.0	.4	1.1		.1							2.6	6.3
VARBL													
CALM												10.2	
	21.8	26.6	30.5	9.8	2.8	.6						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSJUN
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.9	.3									2.9	3.8
NNE	.2	.2	.1									.6	4.6
NE	1.9	1.0	.1									3.0	3.7
ENE	1.3	2.0	.7									4.0	4.6
E	3.1	7.0	9.2	1.2	.7							21.2	6.9
ESE	1.7	3.2	7.6	3.0	.6							16.0	8.4
SE	2.4	4.0	3.8	1.6								11.8	6.7
SSE	.6	.4	.9									1.9	6.1
S	1.1	.4	.2									1.8	3.8
SSW	.2	.1										.3	3.3
SW	.4	.6										1.0	3.9
WSW	.2	.6	.1									.9	3.0
W	1.6	1.7	2.2	.9								6.3	6.7
WNW	1.0	1.9	4.1	2.2	.3							9.6	8.6
NW	2.8	2.0	2.9	.8	.4							8.9	6.7
NNW	.6	.8	.7	.1								2.1	6.3
VARBL													
CALM												.5	
	20.8	26.8	32.9	9.8	2.0							10.0	3.3

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSJUN
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.7	.3									2.3	4.0
NNE	.4	.2	.1									.8	3.9
NE	2.6	.6										3.1	2.8
ENE	1.3	1.8	.2									3.3	4.3
E	5.8	9.7	6.6	.2	.2							22.4	5.5
ESE	2.4	4.0	3.1	1.7	1.0	.1						14.3	7.8
SE	3.0	3.7	3.8	1.8	.6							12.8	7.2
SSE	.4	.3		.1								.9	4.6
S	.6											.6	2.8
SSW	.2	.4										.7	3.8
SW	.2	.1	.1									.4	4.3
WSW		.1	.2									.3	7.3
W	1.2	1.9	3.3	1.1								7.6	7.2
WNW	.7	.6	6.0	2.7	1.2							11.3	10.1
NW	2.2	2.3	2.4	.7	.1							7.8	6.3
NNW	1.0	.4	.3	.2								2.0	5.3
VARBL													
CALM												9.3	
	23.4	27.0	28.6	8.4	3.1	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.4									.6	7.6
NNE													
NE	.4	.4		.1								1.0	4.6
ENE	.3	.3										.7	3.8
E	1.9	1.8	.9	.2								4.8	4.9
ESE	1.7	2.2	3.9	2.3	1.0	.1						11.2	9.1
SE	4.7	7.7	8.4	4.8	1.1	.3						27.0	8.0
SSE	2.0	2.9	1.2	.3	.1							6.6	5.5
S	2.7	.4	.4									3.6	3.6
SSW	1.8	.3										2.1	2.9
SW	2.0	.8	.1									2.9	3.4
WSW	.2	.9	2.1	.3								3.6	7.3
W	2.2	2.1	3.4	1.7	.1							9.6	7.4
WNW	.6	1.2	5.0	5.1	1.1	.2						13.2	11.1
NW	.8	1.2	2.2	1.1	.6							5.9	8.7
NNW	.4	.2	.1	.2	.1							1.0	8.0
VARBL													
CALM												6.4	
	21.7	22.6	28.3	16.2	4.1	.7						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DDT APT
STATION NAME57-66
YEARSJUN
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.2	.2								.6	9.8
NNE			.1									.1	8.0
NE	.2	.2	.1									.6	4.4
ENE													
E	.1	.1	.1									.3	6.0
ESE	.4	1.0	2.8	1.3	.7	.2	.1					6.6	10.2
SE	1.9	4.7	9.1	6.0	2.0	.4						24.1	9.7
SSE	2.7	1.9	4.0	1.2	.1	.1						10.0	7.0
S	3.4	3.3	.8									9.6	3.9
SSW	1.9	1.6										3.4	3.6
SW	1.6	2.7	1.9	.1								6.2	3.5
WSW	.1	1.0	4.1	2.6								7.8	9.6
W	.9	1.9	3.4	2.2	.9							9.3	9.3
WNW	.6	.4	2.7	6.3	1.8	.6						12.3	12.9
NW		.8	1.6	2.1	.6							5.0	11.4
NNW	.1		.3	1.1	.3							1.9	13.1
VARBL													
CALM												2.2	
	13.9	19.7	31.2	23.2	6.3	1.3	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSJUN
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.3	.2	.2							1.2	10.1
NNE	.1	.1	.6	.2								1.0	8.8
NE		.2	.1	.2								.6	9.2
ENE	.1		.6	.2		.1						1.0	10.7
E	.1	.1	.2	.4	.1							1.0	10.3
ESE	.1	.2	1.6	1.7	.8	.2						4.6	12.6
SE	1.1	3.9	6.0	5.7	2.2	.3						19.2	10.4
SSE	1.0	2.3	3.0	2.1	.1							8.6	8.0
S	2.6	5.4	1.9									9.9	4.8
SSW	1.6	1.3	1.2									4.1	5.0
SW	1.1	2.2	3.7	.2								7.2	6.4
WSW	.8	1.2	5.6	2.4								10.0	9.0
W	.7	2.1	4.4	3.0	.6							10.8	9.4
WNW		.1	2.4	5.6	2.4	.7						11.2	14.2
NW		.8	2.0	1.9	1.0	.2						5.9	11.9
NNW	.1		.8	.9	.3							2.1	12.3
VARBL													
CALM												1.7	
	9.4	20.4	34.3	24.8	7.8	1.6						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION NAME: MAN WELLS NWT DDT APT YEARS: 57-66 MONTH: JUN
CLASS: ALL WEATHER HOURS (L.S.T.): 1500-1700

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.0	1.7	.3	.1							2.9	8.7
NNE	.2		.6	.6								1.3	3.2
NE	.1	.1	1.0	.3								1.6	9.1
ENE		.3	.6	.6	.1							1.6	10.9
E	.1		.6	.6	.3							1.8	12.4
ESE	.3	.4	2.3	1.7	1.0	.2						6.0	11.5
SE	.8	3.3	8.0	5.6	1.2	.3						19.2	10.1
SSE	.6	1.2	3.0	1.2								6.0	8.4
S	1.6	2.9	1.3	.2								6.0	5.3
SSW	1.1	.8	.3									2.2	4.5
SW	1.2	2.2	1.8	.1	.1	.1						5.6	6.2
WSW	.9	2.0	3.1	1.4		.1						9.4	8.0
W	1.7	2.3	3.6	3.4	.6	.1						13.7	9.1
WNW	.2	.8	3.3	4.1	2.2	.4						11.1	12.6
NW	.4	.8	1.1	1.9	.8	.3						5.3	11.8
NNW		.2	.9	1.6	.3							3.0	12.7
VARBL												3.2	
CALM													
	4.4	10.0	37.1	23.8	6.8	1.7						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
 STATION

MURMAN WELLS NWT DOT APT
 STATION NAME

57-66
 YEARS

JUN
 MONTH

ALL WEATHER
 CLASS

1800-2000
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0	1.1	.7	.1							3.6	7.7
NNE	.1	.3	.8	.2								1.4	7.8
NE	.4	.3	.7	.2	.1							1.8	7.8
ENE	.7	.4	.8	.7								2.6	7.7
E	1.0	1.1	1.4	1.1	.2							4.9	8.1
ESE	.8	1.1	3.6	2.8	1.2	.1						9.6	10.8
SE	1.6	2.9	7.9	6.0	.3	.1						18.8	9.4
SSE	.7	1.3	1.4	.9								4.3	7.6
S	2.4	1.4	.3	.1								4.3	4.0
SSW	.8	.6	.4	.1								1.9	5.5
SW	.7	.6	.6	.1								2.1	5.4
WSW	1.2	1.9	1.6	.6								5.2	6.4
W	1.7	2.2	5.2	2.0	.8							11.9	8.4
WNW	.4	2.1	5.7	3.8	1.3							13.8	10.1
NW	.6	1.3	2.6	1.2	.4	.2	.1					6.4	10.0
NNW	.3	.2	1.0	.7								2.2	8.8
VARBL													
CALM												5.2	
	16.4	19.1	35.0	21.1	4.6	.4	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.0	.8	.4								4.7	4.8
NNE	.4	.6	.6	.1								1.7	5.9
NE	.9	1.6	.4									2.9	4.6
ENE	.8	1.4	.9									3.1	5.2
E	2.2	4.4	9.3	1.9	.1	.2						18.2	7.7
ESE	1.6	2.3	7.1	3.8	.7							15.4	8.9
SE	2.4	2.4	5.9	2.2	.1							13.1	7.6
SSE	.4	.2	.4	.2								1.3	6.5
S	.7	.3		.1								1.1	4.2
SSW	.6											.6	3.0
SW	.3	.1	.1									.6	3.8
WSW	1.0	.2	.1									1.3	3.8
W	1.4	2.6	3.4	.6	.4							8.4	7.3
WNW	1.4	1.6	3.6	3.2	.4							10.2	9.2
NW	1.1	2.7	3.0	.4	.2							7.4	6.8
NNW	.9	.9	.2	.4								2.4	5.9
VARBL													
CALM												7.4	
	18.7	22.3	35.9	13.4	2.0	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
 STATION

MURMAN WELLS NWT DOT APT
 STATION NAME

57-66
 YEARS

JUL
 MONTH

ALL WEATHER
 CLASS

0000-0200
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	.9	.3									3.5	3.5
NNE	1.2	.5	.3									2.2	4.0
NE	1.4	.8										2.2	3.3
ENE	2.0	1.6	.3									4.0	4.1
E	3.9	6.0	10.3	1.0	.2							21.4	6.6
ESE	1.8	2.4	4.9	2.4	.4							11.9	6.1
SE	2.5	4.8	2.7	.8								9.7	6.0
SSE	.6	.2	.1	.1								1.2	4.5
S	.1	.4		.1								.6	5.3
SSW			.1									.1	7.0
SW	.3	.4	.1									.9	4.5
WSW	.6		.1									.5	4.4
W	1.6	1.8	1.9	1.0	.2							6.6	7.1
WNW	1.6	2.3	4.3	2.4	.5							10.9	8.7
NW	2.6	3.1	4.1	1.4	.1							13.2	6.4
NNW	1.3	2.0	1.5	.1								4.9	5.5
VARBL													
CALM												6.2	
	23.7	28.3	31.2	9.1	1.5							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION NORMAN WELLS NWT DOT APT 57-66 YEARS JUL MONTH
ALL WEATHER CLASS 0300-0300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.2	.2	.1								3.2	4.1
NNE	1.3	.2	.1									1.6	3.1
NE	2.3	.6										2.9	3.3
ENE	2.8	1.7	.2									4.7	3.7
E	6.6	6.9	6.2	.4								20.1	5.3
ESE	1.5	2.6	4.0	1.8	.3							10.2	8.0
SE	3.1	2.8	3.1	.3								9.4	5.6
SSE	.4	.1	.2									.8	4.1
S	1.0	.1										1.1	2.7
SSW	.2											.2	3.0
SW													
WSW	.1	.1	.1									.3	4.7
W	.4	1.9	2.0	1.0								6.3	7.9
WNW	1.5	2.4	4.9	3.1	.6							12.6	8.9
NW	3.8	4.2	4.8	.9	.9							16.5	6.7
NNW	1.6	1.2	.8									3.7	4.5
VARBL													
CALM												8.4	
	28.3	26.1	27.7	7.6	1.8							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DUT APT
STATION NAME57-66
YEARSJUL
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.6	.1									1.6	3.6
NNE	.3											.3	2.3
NE	.8	.2	.1									1.1	3.6
ENE	.6	.1										.8	2.7
E	2.0	2.9	1.5									6.5	4.9
ESE	1.6	3.0	3.4	1.7	.2							10.0	7.5
SE	4.7	6.9	5.6	2.4	.4							20.0	6.6
SSE	.4	.6	1.5									2.6	6.5
S	2.4	.5										2.9	3.1
SSW	1.2	.3										1.5	3.1
SW	1.8	1.2	.2									3.2	3.9
WSW	.3	.4	.5	.1								1.4	6.2
W	1.4	2.8	5.1	1.2	.2							10.6	7.7
WNW	1.7	1.5	4.7	4.0	1.3	.3						13.8	10.4
NW	2.6	2.3	3.8	1.7	1.2	.1						11.6	8.4
NNW	.6	.6	.2									1.5	4.6
VARBL													
CALM												10.6	
	23.4	24.1	26.8	11.1	3.3	.6						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSJUL
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1											.1	3.0
NNE		.2	.2									.4	6.8
NE	.4		.1									.5	3.4
ENE	.1											.1	2.0
E	.1	.2										.3	4.7
ESE	.8	1.5	1.5	1.3	.2	.1						5.4	8.5
SE	3.4	6.8	9.8	3.1	1.6							24.7	8.0
SSE	1.5	2.9	2.0	.6								7.1	6.2
S	4.2	3.1	.6									8.0	4.0
SSW	2.3	.6	.1									3.0	3.4
SW	2.2	2.6	.9		.1							5.7	4.8
WSW	1.0	1.3	2.7	1.1								6.0	7.6
W	1.0	1.5	5.7	3.1	1.2	.1						12.6	9.9
WNW	.4	.8	4.0	4.7	2.4							12.3	12.1
NW	.5	1.0	2.7	2.9	1.4	.3						8.8	11.8
NNW	.4	.1	.4	.4	.1							1.5	6.9
VARBL													
CALM												3.4	
	18.4	22.6	30.8	17.3	7.0	.5						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSJUL
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3	.4	.1								1.4	5.8
NNE	.2		.1									.3	5.3
NE	.2	.3	.1									.6	5.0
ENE	.1	.1										.2	4.5
E	.5		.2									.8	4.9
ESE	.2	.4	1.4	.9	.5							3.4	10.3
SE	2.7	4.1	5.6	4.5	1.4	.1						18.4	9.0
SSE	1.7	1.8	3.9	1.1								8.5	7.2
S	3.4	4.1	1.4									8.9	4.5
SSW	1.7	2.6	.4									4.7	4.2
SW	2.0	3.4	1.4	.2								7.1	5.2
WSW	.8	1.6	2.9	2.3								7.5	8.7
W	1.1	1.6	4.8	5.4	.8							13.7	10.0
WNW	.5	.4	2.3	5.4	2.6	.5						11.7	13.4
NW		.8	1.7	2.0	1.6	.4						7.5	13.4
NNW	.1	.2	.6	.9	.5	.3						2.7	13.3
VARBL													
CALM												2.5	
	15.9	21.8	27.3	23.7	7.4	1.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNDPMAN WELLS NWY DOT APT
STATION NAME57-66
YEARSJUL
MONTHALL WEATHER
CLASS1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.5									.9	6.8
NNE	.1		.4	.1	.1							.8	9.9
NE	.1	.3	.2		.1							.8	7.4
ENE	.1		.1	.1								.3	9.0
E		.2	.4	.1	.3							1.1	11.0
ESE	.3	.4	1.8	1.6	.6							4.8	10.5
SE	2.4	3.4	6.9	3.8	1.1	.2						17.7	8.8
SSE	1.2	2.3	3.2	.9								7.5	7.0
S	3.0	5.2	.6									8.8	4.3
SSW	1.6	1.9	.2									3.8	3.9
SW	1.8	2.3	1.6	.1								5.8	5.3
WSW	1.0	1.5	4.1	.9								7.4	7.5
W	1.3	1.8	6.3	3.8	.3	.2						13.8	9.3
WNW	.8	.9	3.2	4.8	1.8	.9						12.5	12.4
NW	.4	1.1	2.5	3.3	1.4	.2	.1					9.0	12.1
NNW	.2	.1	1.1	.9	.1	.1						2.5	10.6
VARBL													
CALM												2.6	
	14.4	21.7	33.6	20.3	5.9	1.6	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

930

1
2 DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.2	1.1	.2								2.3	6.8
NNE	.2	.1	.5									.9	6.9
NE	.5	.4	.2	.1								1.3	5.6
ENE	.6	.1	.3	.1								1.2	5.5
E	1.1	.9	1.4	1.1	.2							4.6	7.8
ESE	1.3	1.7	4.8	2.6	.5							11.0	9.0
SE	3.1	4.4	7.2	3.8	.4							18.9	7.8
SSE	.8	.4	.5	.3								2.0	6.2
S	1.5	.6	.5									2.7	4.4
SSW	1.2	.1										1.3	2.5
SW	2.2	1.2	.5									3.9	4.1
WSW	1.1	1.5	1.5									4.1	5.5
W	2.3	3.4	4.4	1.6	.3							12.0	7.2
WNW	.9	1.3	4.5	4.6	1.0	.4						12.7	10.9
NW	.8	2.9	4.4	3.3	1.0	.1						12.5	9.5
NNW	.9	.9	1.5	1.0								4.2	7.8
VARBL													
CALM												4.5	
	18.9	20.3	33.5	18.7	3.4	.5						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DUT APT
STATION NAME57-66
YEARSJUL
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.0	.3		.1							3.4	4.2
NNE	.4	.4	.3									1.2	5.1
NE	.6	1.3	.1									2.0	4.1
ENE	1.1	1.4	1.2									3.7	5.3
E	2.9	6.7	8.4	1.4	.1							19.5	6.8
ESE	1.5	2.3	3.8	2.4	.5							12.5	8.7
SE	1.3	3.0	3.1	1.0	.1							8.5	7.0
SSE	.5	.2	.2									1.0	5.0
S	1.1	.3										1.4	3.3
SSW	.2	.1										.3	3.3
SW	.9	.3										1.2	3.1
WSW	.2	.2	.3	.1								.9	6.1
W	3.0	2.5	3.5	.8	.3	.2						10.3	7.0
WNW	1.3	2.4	3.5	2.4	1.1							10.6	9.2
NW	3.0	4.1	3.3	.5	.3							13.2	6.5
NNW	1.5	1.0	.5	.4	.1							3.5	5.9
VARBL													
CALM												6.8	
	21.9	27.1	32.7	8.9	2.7	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DDT APT
STATION NAME

57-66
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.4	.4	.2								5.3	4.1
NNE	.9	.1										1.0	3.0
NE	2.9	1.4	.2									4.5	3.5
ENE	2.5	1.4	1.1									4.9	4.3
E	3.1	7.2	10.0	1.5	.1							21.9	6.8
ESE	2.4	2.5	5.5	2.5	.3							13.1	7.8
SE	2.7	3.4	2.3	.1	.2							8.7	5.4
SSE	.3	.3										.6	3.8
S	1.0	.4	.1									1.5	3.5
SSW	.2											.2	2.5
SW	.2	.4										.6	4.0
WSW	.4											.4	2.8
W	.8	2.0	2.5	1.0	.1	.1			.1			6.6	8.3
WNW	.8	1.4	4.8	1.4	1.0	.4		.1				9.9	10.3
NW	3.1	3.1	2.4	.9	.6							10.1	6.6
NNW	1.5	.9	.1	.1	.1							2.7	4.7
VARBL													
CALM												7.8	
	25.9	26.0	29.4	7.6	2.5	.5		.1	.1			100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

MUSMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	.4	.2	.1								3.4	3.8
NNE	1.5	.3	.1	.1								2.0	3.8
NE	3.3	1.1										4.4	3.2
ENE	1.9	1.2	.3									3.4	3.8
E	6.3	8.0	9.7	.9	.3							25.2	6.1
ESE	3.4	2.8	4.6	1.3	.6							12.8	7.2
SE	2.4	2.7	2.6	.2								7.8	5.8
SSE	.5	.1										.6	3.3
S	.4	.1										.5	3.0
SSW	.3	.1										.4	3.3
SW	.4											.4	2.5
WSW	.1	.2										.3	4.0
W	1.0	1.4	1.8	1.5								5.7	7.9
WNW	.8	2.4	3.2	2.3	.6	.5	.1					9.9	10.1
NW	2.2	3.3	3.1	1.5	.5	.6						11.3	8.4
NNW	1.2	1.4	.4	.1								3.1	4.7
VARBL													
CALM												8.5	
	28.5	25.5	26.1	8.0	2.2	1.2	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20202
STATION

NORMAN WELLS NWT DDT APT
STATION NAME

57-66
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.2	.1									1.1	3.6
NNE	.4											.4	2.8
NE	1.2											1.2	2.7
ENE	1.8	.8	.1									2.7	3.2
E	4.9	6.1	4.6	.2	.1							16.0	5.4
ESE	2.7	2.7	5.4	1.0	1.1							12.8	7.7
SE	5.3	5.8	4.3	1.4	.2							17.0	6.0
SSE	1.6	1.0	.3	.2								3.1	4.7
S	1.4	.2	.1									2.3	2.9
SSW	.4	.2										.6	3.0
SW	.6											.6	2.8
WSW	.4	.4										.9	3.9
W	1.3	1.7	1.9	1.5	.3							7.0	8.0
WNW	.9	2.4	5.4	2.9	.9	.8	.1					13.2	10.2
NW	1.8	2.3	2.5	1.8	.4	.4						9.2	8.6
NNW	.4	.3	.4									1.8	4.4
VARBL													
CALM												10.0	
	27.2	24.3	25.2	9.0	3.0	1.2	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

930

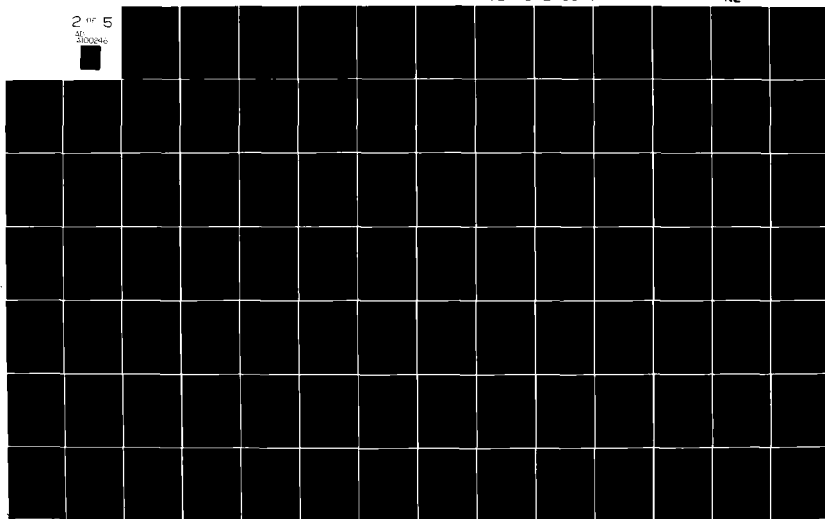
AD-A100 246 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
NORMAN WELLS APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM--ETC
JAN 72

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2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20202

STATION

NORMAN WELLS NWT OUT APT

STATION NAME

57-66

YEARS

AUG

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3		.1								1.0	4.2
NNE	.2											.2	3.0
NE	.2											.2	2.0
ENE	.3		.1									.4	4.0
E	.4	.6	.9	.1								2.0	6.4
ESE	.5	1.2	3.5	1.2	.4							6.9	9.0
SE	4.7	7.6	10.3	5.4	.6							28.7	7.8
SSE	2.3	3.0	2.5	.6								8.4	6.0
S	4.4	2.6										7.5	3.3
SSW	2.0	.4										2.5	2.9
SW	1.3	1.3	.6									3.4	4.4
WSW	.5	1.0	.3									1.8	4.8
W	2.0	1.3	3.9	2.2	.6							10.0	5.5
WNW	.5	.8	4.7	4.8	2.2	.8	.1					13.9	12.6
NW	.5	1.1	2.4	1.6	.8	.1	.2					6.7	11.1
NNW	.1	.1	.2	.1								.9	7.4
VARBL													
CALM												5.8	
	21.3	21.5	29.5	16.1	4.6	.9	.3					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

WILHELM WELLS NWT DDT APT
STATION NAME

57-66
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4		.1									.5	3.4
NNE													
NE	.4		.1									.5	4.2
ENE			.1									.1	7.0
E	.1	.1	.1									.3	5.0
ESE		.8	2.6	1.5	.3							5.2	10.2
SE	3.5	4.2	12.3	5.3	.6							25.9	8.4
SSE	1.8	1.9	4.3	.3								8.4	6.6
S	5.4	3.3	.5									9.2	3.8
SSW	2.3	1.6	.4									4.3	3.9
SW	1.9	2.8	1.1	.1								5.9	4.9
WSW	.5	1.1	2.0	.3								4.2	7.3
W	1.2	2.0	4.7	3.2	.3	.1						11.6	9.1
WNW	.2	.6	3.2	6.5	1.9	1.2						13.7	13.5
NW	.2	.8	2.2	2.6	.2	.4	.1					6.5	12.1
NNW		.1		.2	.2							.5	13.4
VARBL													
CALM												3.1	
	18.1	19.4	33.8	20.2	3.7	1.7	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION NORMAN WELLS NWT DOT APT STATION NAME 57-66 YEARS
AUG MONTH
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.4	.4	.1								1.3	6.2
NNE	.2		.2									.4	6.5
NE	.3	.8	.3	.1								1.5	5.9
ENE	.1	.1	.3									.5	7.4
E	.3	.5	.8	.5	.1							2.3	8.2
ESE	.4	.5	2.6	1.2	.6							5.4	10.2
SE	2.6	4.9	9.7	4.3	.6							22.2	8.4
SSE	1.1	1.2	2.7	.2								5.2	6.6
S	3.4	2.5	.3	.2								6.5	4.0
SSW	1.9	1.1	.3									3.3	4.0
SW	2.0	2.2	1.0	.2								5.4	5.0
WSW	.9	1.7	1.8	.3	.1							4.8	6.6
W	1.7	3.1	4.1	2.3	.6		.1					11.9	8.6
WNW	.2	1.2	3.8	5.6	2.8	.8						14.8	12.7
NW	1.2	1.1	2.8	2.3	1.2	.1						8.6	10.3
NNW	.3	.5	.5	.1								1.5	6.3
VARBL													
CALM												4.4	
	17.6	21.8	31.6	17.4	6.1	.9	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION NORMAN WELLS NWT DOT APT 57-66 YEARS AUG NORTH
 1800-2000
 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.2	.4	.2								2.7	5.2
NNE	.8	.3	.3									1.4	4.4
NE	1.8	.6	.4									2.9	4.0
ENE	.5	.8	.6	.1								2.0	5.9
E	2.0	3.9	2.7	1.1	.4	.1						10.2	7.0
ESE	1.3	2.7	3.8	2.5	.9							11.1	8.7
SE	2.0	3.4	3.4	1.8								12.7	7.5
SSE	.6	.3	.9	.1								1.9	5.9
S	1.1	.3	.3									1.7	4.1
SSW	.6	.1	.1									.9	3.1
SW	2.3	.5	.1	.1								3.0	3.5
WSW	1.2	.5	.2									1.9	3.9
W	2.7	2.6	3.1	1.1	.1							9.6	6.7
WNW	1.1	2.9	5.7	4.1	1.2	.4						15.4	10.1
NW	1.8	3.2	4.6	1.7	.2							11.6	7.5
NNW	.3	.6	.8	.1	.2							2.0	7.7
VARBL													
CALM												8.7	
	21.1	24.1	29.5	12.9	3.0	.5						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSAUG
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.2	.2	.1								4.0	3.8
NNE	1.5	.3										1.8	3.1
NE	2.6	1.1	.1									3.8	3.5
ENE	1.0	1.4	1.0	.2								3.5	5.6
E	3.2	7.0	11.8	2.4	.8							25.2	7.4
ESE	1.2	2.9	3.9	1.0	.9							9.8	8.2
SE	.6	1.9	2.6	.9								6.0	7.7
SSE	.6	.2	.2									1.1	4.4
S	1.0	.2										1.2	3.2
SSW	.2	.2										.4	3.5
SW	.6	.2	.1									1.0	3.8
WSW	.2	.1	.4									.8	6.4
W	1.1	1.4	3.8	.3								6.3	7.0
WNW	1.1	1.8	4.0	2.2	.9	.1						10.0	9.5
NW	2.4	5.6	4.2	.9	.5		.1					13.8	6.9
NNW	1.5	1.7	.4		.1							3.8	4.8
VARBL													
CALM												7.4	
	21.3	27.3	32.6	7.8	3.1	.1	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNEUMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSSEP
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	.8	.2									3.7	3.3
NNE	.4											.4	3.0
NE	1.8	.2	.1									2.1	3.2
ENE	.8	2.6	.4									3.8	4.7
E	6.0	9.4	6.9	1.0	.3	.1						23.8	6.0
ESE	1.9	2.7	3.8	1.9	2.4	.4						13.1	10.1
SE	2.3	2.8	1.8	.8	.6							8.2	6.9
SSE	.3	.8	.2									1.3	4.8
S	.2	.1										.3	3.7
SSW	.3		.1									.4	3.8
SW		.3										.3	5.0
WSW	.1		.2									.3	6.3
W	1.4	1.3	1.8	.6	.1							5.2	6.7
WNW	1.4	2.2	3.7	2.9	.4	.3						11.0	9.1
NW	2.9	5.3	4.7	1.4	.4							14.8	6.9
NNW	2.3	1.3	.2									3.9	3.9
VARBL													
CALM												7.2	
	25.0	29.9	24.1	8.6	4.3	.9						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.0	.3									5.1	3.7
NNE	1.8	.2	.1									2.1	3.2
NE	.9	.8										1.7	3.7
ENE	2.4	1.8	.3									4.6	4.0
E	7.0	10.3	6.9	.9	.3	.2						25.7	5.8
ESE	1.8	1.8	4.0	1.9	1.7	.6						11.7	10.2
SE	1.4	2.3	1.9	.8	.2	.2						6.9	7.6
SSE	.2		.2									.4	5.5
S	.3	.1	.1									.6	3.8
SSW	.2											.2	2.5
SW	.3											.3	3.0
WSW		.1										.1	4.0
W	.7	1.4	1.9	.9								4.9	7.3
WNW	.4	1.8	4.7	2.1	1.2	.2						10.4	10.2
NW	2.9	4.4	4.3	1.3	.7							13.3	7.3
NNW	2.0	1.4	.2									3.7	3.8
VARBL													
CALM												8.3	
	24.9	28.6	25.0	7.8	4.1	1.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

WORMAN WELLS NWT DDT APT
STATION NAME

57-66
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	.8	.1									3.4	3.4
NNE	.8	.1										.9	2.6
NE	1.7	.1										1.8	2.6
ENE	2.0	2.1	.3									4.4	4.0
E	7.8	9.8	4.8	1.0	.6	.2						24.1	5.8
ESE	1.6	2.6	4.0	2.0	1.1	.2						11.4	8.9
SE	2.3	1.4	3.0	1.7	.3	.2						9.0	8.1
SSE	.2	.2	.3	.1								.9	7.1
S	.2											.2	3.0
SSW	.2											.2	2.5
SW	.3	.1										.4	3.5
WSW	.1											.1	3.0
W	.4	.6	1.0	1.3	.1							3.9	8.3
WNW	1.1	1.6	5.7	2.2	1.3	.2						12.1	10.0
NW	3.1	4.6	5.3	.9	.6	.1						14.6	7.0
NNW	2.3	.8	.2									3.3	3.6
VARBL													
CALM												9.1	
	27.2	24.7	24.8	9.2	4.0	1.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSSEP
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2										.9	3.0
NNE	.1											.1	2.0
NE	.2	.1										.3	3.0
ENE	.6	.1										.9	2.8
E	2.8	2.3	1.6	.8	.4	.2						8.1	6.9
ESE	1.1	1.7	2.9	1.7	1.8	.4						9.6	10.8
SE	4.2	7.0	8.4	3.2	.9	.3	.1					24.2	7.8
SSE	2.1	1.7	1.0	.1								4.9	4.8
S	2.7	1.0	.3									4.0	3.4
SSW	1.0	.2										1.2	3.0
SW	1.4	.7	.1									2.7	3.5
WSW	.6	.8	.6	.1								2.0	5.6
W	1.9	1.4	2.7	1.6	.6							8.1	8.0
WNW	.9	1.1	4.2	4.2	2.2	.3						13.0	11.7
NW	1.6	2.9	4.1	1.4	1.1							11.1	8.6
NNW	.4	.2	.1	.2								1.0	5.9
VARBL													
CALM												7.8	
	22.9	21.5	25.9	13.4	7.0	1.3	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

898

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
 STATION

BUCKMAN WELLS NWT DUT APT
 STATION NAME

57-66
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

1200-1400
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.2	.1								.6	7.8
NNE	.1	.2										.3	4.3
NE	.1											.1	1.0
ENE	.1	.1	.1									.3	5.3
E	.3	.4	.8	.1	.7	.4						2.8	12.2
ESE	.7	1.2	1.0	.8	.8	.4						4.9	10.9
SE	2.3	5.9	9.8	5.5	2.2	.2						26.8	9.3
SSE	2.1	2.5	2.7	.2								7.5	5.7
S	3.8	2.2	.4									6.8	3.7
SSW	2.3	1.6	.3									4.2	3.8
SW	2.3	1.3	.7									4.3	4.3
WSW	1.0	1.1	2.2	.3								4.7	6.9
W	1.6	1.9	2.6	3.5	.6	.2						10.2	9.6
WNW	.4	1.0	3.7	4.2	3.2	.2						12.8	12.8
NW	.7	1.6	3.6	2.1	1.1	.2						9.3	10.3
NNW	.2	.1	.2	.2								.8	8.1
VARBL													
CALM												4.7	
	18.3	21.3	28.3	17.1	8.6	1.8						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

897

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
 STATION

JULIAN WELLS NWT DUT APT
 STATION NAME

57-66
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

1500-1700
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.4	.1								.9	7.4
NNE	.3		.1									.4	4.5
NE	.1	.2										.3	4.0
ENE		.1	.1									.2	6.0
E	1.4	.8	.2	1.1	.2	.2						4.0	8.6
ESE	.4	1.1	2.6	2.1	1.4	.8						8.9	12.1
SE	3.1	5.2	7.7	4.2	1.7							21.9	8.6
SSE	1.0	1.2	1.6	.6	.1	.1						5.1	7.0
S	3.7	.4										4.1	2.8
SSW	1.3	.7	.1									2.1	3.5
SW	1.2	1.1	.8	.1								3.2	4.9
WSW	1.2	.7	1.0	.4								3.3	6.1
W	1.8	2.0	3.6	3.2	.8	.2						11.6	9.1
WNW	1.6	1.7	4.8	4.4	2.0	.4						14.9	11.0
NW	.8	2.6	4.6	2.2	.9	.3						11.3	9.6
NNW	.2	.2	.9	.1								1.4	7.2
VARBL													
CALM												6.2	
	19.4	18.1	28.3	18.7	7.1	2.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

SUNMAN WELLS NWT DDT APT
STATION NAME

57-66
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.3	.7		.1							3.9	4.8
NNE	.4	.7	.3									1.4	4.6
NE	2.0	.8										2.8	3.3
ENE	.9	.9	.6									2.3	4.7
E	2.9	6.2	6.8	2.0	.2	.7						18.8	7.6
ESE	1.2	1.2	2.8	1.8	1.6	.6						9.1	10.9
SE	2.1	2.3	3.2	1.4	.3	.1						9.6	7.7
SSE	.6		.1									.7	3.3
S	.6	.2										.8	3.1
SSW	.2	.1	.1									.4	4.3
SW	1.0	.1										1.1	2.0
WSW	.1	.2	.1									.4	4.5
W	2.0	2.9	1.7	1.8								8.3	6.7
WNW	1.4	2.1	6.1	3.8	1.4	.2						15.1	9.7
NW	3.6	3.9	5.1	1.1	.6	.1						14.3	6.9
NNW	2.0	1.4	.3	.1								3.9	4.4
VARBL													
CALM												7.0	
	22.8	24.4	27.9	12.0	4.2	1.7						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSSEP
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.2										3.4	3.5
NNE	.7	.3										1.0	3.4
NE	2.4	1.2	.1									3.8	3.4
ENE	1.4	1.8	1.1									4.3	4.9
E	4.2	5.8	6.7	3.1	.9	.2						20.9	7.7
ESE	2.1	2.0	4.3	1.3	1.2	1.0						12.0	9.7
SE	1.3	2.1	2.4	1.4	.4							7.8	8.0
SSE	.4	.2	.1	.1								.9	5.4
S	.6	.2	.1									.9	3.8
SSW	.2	.1										.3	3.0
SW	.2											.2	3.0
WSW			.1									.1	9.0
W	1.0	1.2	2.3	.7								5.2	7.0
WNW	.9	1.9	5.2	3.0	.7	.1						11.8	9.6
NW	3.0	7.0	3.4	.7	.3	.1						16.6	6.5
NNW	1.7	1.2	.6	.2								3.7	4.9
VARBL													
CALM												7.1	
	22.4	26.3	28.6	10.6	3.6	1.4						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNUAMAN WELLS NWT DOT APT
STATION NAME97-66
YEARSJCT
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	1.4	.1									5.4	3.3
NNE	1.3	.1										1.4	2.6
NE	3.7	.3	.1									4.1	2.9
ENE	2.3	1.9										4.2	3.6
E	5.3	4.7	4.5	.6	1.1	.4						16.7	6.8
ESE	2.2	1.9	3.2	2.4	1.9	.2						11.8	9.7
SE	1.0	2.6	2.0	1.1	.9	.2	.1					8.2	8.6
SSE	.6	.2	.2	.2								1.1	6.4
S	.4	.1										.9	2.6
SSW													
SW	.3											.3	3.0
WSW	.2	.1	.1									.4	5.3
W	.3	.8	3.2	1.6	.2	.2						6.3	10.1
WNW	1.5	1.4	5.3	4.7	2.0	.1						15.1	10.6
NW	4.1	3.2	3.2	1.3	.4	.1						12.4	6.6
NNW	1.8	2.0	.4	.1	.1							4.5	4.7
VARBL													
CALM												7.6	
	29.2	20.9	22.5	12.0	6.3	1.3	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DDT APT
STATION NAME

57-66
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	.6	.2									4.0	3.2
NNE	1.1	.4										1.5	3.1
NE	2.6	.9	.1									3.5	3.2
ENE	2.0	2.6	.5									5.2	4.3
E	6.2	6.0	4.8	.2	.9	.3						18.5	6.1
ESE	1.4	2.3	3.8	2.3	1.1							10.8	9.0
SE	1.8	.9	1.9	1.5	.9	.1						7.1	9.3
SSE	.1	.1	.3	.3								.9	9.4
S	.3	.1										.4	3.5
SSW		.1										.1	4.0
SW	.1											.1	2.0
WSW	.3											.3	2.7
W	.4	.8	2.9	1.4	.4							5.9	9.5
WNW	1.3	1.0	4.7	4.3	1.6	.4	.1					13.4	11.4
NW	4.5	4.3	5.3	1.6	.6							16.3	6.9
NNW	1.9	1.9	.3	.4								4.6	5.0
VARBL													
CALM												7.3	
	27.3	21.9	24.9	12.0	5.5	.9	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSUCT
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	.6	.1									4.1	3.0
NNE	1.0	.4										1.4	3.2
NE	2.6	.9										3.4	3.1
ENE	1.8	2.5	.5									4.8	4.4
E	4.6	6.1	7.1	1.2	.6							21.6	6.5
ESE	1.3	2.4	3.8	2.0	.2	.4						10.1	8.6
SE	1.1	1.6	2.9	1.2	.4							7.2	8.1
SSE	.3	.3	.2									.9	4.1
S	.1	.1	.3									.5	5.6
SSW	.3											.3	2.0
SW	.3											.3	2.7
WSW	.3		.2									.5	5.6
W	1.1	.8	2.7	1.0	.3							5.8	8.2
WNW	1.0	1.9	4.3	4.8	1.5	.2	.1					13.9	10.7
NW	3.9	5.2	4.9	1.2	.3							15.5	6.6
NNW	1.6	1.7	.6									4.0	4.5
VARBL													
CALM												5.6	
	24.6	26.5	27.7	11.4	3.4	.6	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSOCT
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	.8										2.8	3.3
NNE	.2	.1										.3	3.7
NE	.8	.1	.1									1.0	3.4
ENE	.9	.8	.2									1.8	4.2
E	3.7	4.8	3.7	.8	.2	.3						13.4	6.4
ESE	1.8	3.1	4.6	3.2	1.5	.1						14.4	9.3
SE	1.8	4.4	3.9	3.0	.9							14.0	8.3
SSE	.4	.3	.5	.1								1.8	5.5
S	.0	.2										.9	3.4
SSW	.3	.2										.5	3.8
SW	.4		.1	.1								.6	5.7
WSW	.3	.6										1.0	4.2
W	.8	1.4	3.0	1.8	.4							7.4	9.1
WNW	1.2	1.8	4.6	7.0	1.5							16.1	10.6
NW	3.4	4.0	4.6	1.2	.8	.1						14.1	7.2
NNW	1.2	.3	.2									1.7	3.6
VARBL													
CALM												8.1	
	20.3	23.0	25.6	17.2	5.3	.5						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION NORMAN WELLS NWT DOT APT 57-66 YEARS OCT MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4										.9	3.6
NNE	.1	.1	.1									.3	4.7
NE		.1										.1	4.0
ENE	.2	.1	.1									.4	4.8
E	1.5	1.4	1.9	.8								5.6	6.7
ESE	.6	1.9	4.5	2.4	1.7	.5						11.7	11.1
SE	3.4	4.2	7.1	5.8	1.6	.3						22.5	9.1
SSE	1.9	.8	1.1	.6								4.4	5.8
S	1.7	.6	.2									2.6	3.4
SSW	.8	.4										1.2	3.4
SW	1.6	.6										2.3	3.3
WSW	.8	.4	.5	.3								2.0	6.6
W	1.3	2.4	2.7	1.6	.3	.1						5.4	7.9
WNW	1.8	2.2	7.1	5.9	2.0	.3						19.4	10.4
NW	2.4	3.0	3.2	1.7	1.1	.3						11.7	8.7
NNW	.5	.1										.6	3.3
VARBL													
CALM												5.9	
	19.1	18.8	28.6	19.1	6.8	1.6						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 920

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202

STATION

NORMAN WELLS NWT DOT APT

STATION NAME

57-66

YEARS

LCT

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.3										1.2	3.3
NNE	.2											.2	2.3
NE	1.5	.8										2.3	3.3
ENE	.8	.4	.1									1.3	3.8
E	2.7	3.2	3.4	1.2	.5	.1						11.2	7.1
ESE	1.5	1.8	3.0	3.8	1.1	.3	.1					11.6	10.4
SE	2.4	3.4	6.1	3.4	1.1	.1						16.6	9.0
SSE	.4	.8	.8	.6								2.6	7.3
S	.4	.5										1.0	3.9
SSW	.2	.1										.3	3.3
SW	1.0	.1	.1	.1								1.3	4.1
WSW	.6	.3	.3									1.3	4.4
W	1.8	1.8	2.9	1.5	.4	.3						8.8	8.3
WNW	1.3	2.8	5.5	4.9	1.2	.4						16.1	10.2
NW	2.9	3.8	3.7	1.6	1.2							13.1	7.8
NNW	1.0	.6	.2									2.5	3.8
VARBL													
CALM												8.7	
	20.2	20.9	26.1	17.2	5.5	1.3	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
 STATION

NORMAN WELLS NWT DOT APT
 STATION NAME

57-66
 YEARS

OCT
 MONTH

ALL WEATHER
 CLASS

1800-2000
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	.8	.3									3.9	3.5
NNE	.6	.2										.9	2.9
NE	3.1	1.2										4.3	3.3
ENE	1.7	1.7	.9									4.3	4.6
E	5.2	6.1	6.8	1.5	.5	.5						20.6	7.0
ESE	1.5	1.5	3.4	2.3	1.5	.6	.1					11.0	10.7
SE	1.6	1.1	2.3	1.8	.5	.2						7.5	9.4
SSE	.3		.2	.1								.6	6.3
S	.3	.1										.4	3.3
SSW	.4											.4	2.3
SW													
WSW													
W	1.3	1.8	2.2	1.6	.2	.1						7.2	8.1
WNW	1.0	1.6	6.3	5.1	1.6	.3						15.9	10.9
NW	3.5	2.7	4.9	1.4	.1	.1						12.8	6.7
NNW	2.3	1.5										3.8	3.6
VARBL													
CALM												6.1	
	25.7	20.3	27.3	13.8	4.5	1.9	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

930

1
2 DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION NORMAN WELLS NWT DOT APT 57-66 OCT
STATION NAME YEARS MONTH
ALL WEATHER CLASS
2100-2300 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.2										2.6	3.7
NNE	.4	.2										.6	3.0
NE	2.2	.9										2.7	3.0
ENE	1.4	1.3	.1									2.8	3.8
E	6.2	7.6	5.2	.6	1.1	.1						20.9	6.1
ESE	2.0	1.8	2.1	2.3	1.9	1.0	.1					12.3	10.9
SE	1.5	1.9	2.4	1.8	1.4							8.6	9.9
SSE	.2	.2	.3									.8	5.9
S	.3	.3	.1									.8	4.3
SSW													
SW	.1											.1	3.0
WSW		.1										.1	4.0
W	.9	1.0	4.2	1.0	.4							7.4	8.9
WNW	.9	2.2	4.8	5.1	1.5	.2						14.6	10.6
NW	2.4	3.3	4.1	.6	.3							13.2	6.2
NNW	2.2	2.4	.6									5.2	4.3
VARBL													
CALM												7.4	
	22.6	25.6	24.9	11.4	6.7	1.3	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 920

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION NORMAN WELLS NWT DOT APT STATION NAME 57-66 YEARS MONTH NOV
CLASS ALL WEATHER HOURS 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	.8	.1									4.1	3.2
NNE	.3											.3	2.7
NE	1.1	.6										1.7	3.3
ENE	1.0	1.8	.1									3.4	3.9
E	6.3	4.6	3.3	.6								14.8	5.0
ESE	2.9	2.3	2.7	1.2	.8	.8	.2					10.9	8.8
SE	1.0	2.9	1.1	1.0	.7	.1						7.3	7.8
SSE		.2										.2	5.0
S	.2	.2	.1									.6	4.4
SSW													
SW	.2	.1										.3	3.7
WSW	.2	.4	.1									.8	4.7
W	1.1	1.2	1.6	2.7	.1							6.7	9.1
WNW	2.4	3.6	5.0	3.3	.9	.2						15.4	8.6
NW	5.8	5.8	4.6	.9	.7	.1						17.8	6.3
NNW	3.7	1.4	.1									5.2	3.4
VARBL													
CALM												10.4	
	30.7	25.9	18.8	9.7	3.1	1.2	.2					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DDT APT
STATION NAME57-66
YEARSNOV
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	.4	.3									4.0	3.3
NNE	.9											.9	2.8
NE	2.4	.2										2.7	2.8
ENE	1.6	.8	.2									2.6	3.6
E	5.2	5.6	3.6	.2	.1							14.7	5.0
ESE	2.6	2.1	2.1	1.4	.8	.9	.2	.1				10.2	9.8
SE	1.4	1.0	2.0	.4	.7	.3						5.9	8.6
SSE	.1	.2										.3	3.7
S	.3	.1	.1									.6	4.4
SSW	.1											.1	2.0
SW	.1											.1	2.0
WSW	.4	.1										.6	2.8
W	1.9	1.6	1.9	2.1	.6	.1						8.1	8.7
WNW	2.9	3.6	5.9	3.0	1.0	.1						16.4	8.3
NW	5.1	5.7	3.8	1.3	.4	.3						16.7	6.4
NNW	3.0	1.3	.2									4.6	3.4
VARBL													
CALM												11.7	
	11.3	22.7	20.1	8.6	3.6	1.8	.2	.1				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION NORMAN WELLS NWT DOT APT STATION NAME 57-66 YEARS NOV MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	1.0	.2									4.0	3.4
NNE	.9											.9	2.5
NE	1.9	.1	.1									2.1	2.8
ENE	2.0	1.3	.2									3.6	3.7
E	5.3	5.9	3.3	.1								14.7	4.9
ESE	2.9	2.1	2.9	1.6	1.1	.2	.2					11.0	8.9
SE	2.7	.7	.8	.8	1.2	.4						6.6	9.3
SSE	.3	.2			.1							.7	5.7
S	.8		.1									.9	2.8
SSW	.3	.1	.1									.6	4.0
SW	.3											.3	2.7
WSW	.1		.1									.2	5.5
W	1.4	1.7	1.9	1.4	.7							7.1	8.5
WNW	2.4	2.1	7.3	3.9	1.0	.1	.1					17.0	9.3
NW	4.9	5.6	3.1	.7	.3	.1						14.7	5.8
NNW	3.1	1.2	.2									4.6	3.4
VARBL													
CALM												11.2	
	32.2	22.0	20.4	8.4	4.4	.9	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 HTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
 STATION

NORMAN WELLS NWT DDT APT
 STATION NAME

57-66
 YEARS

07
 MONTH

ALL WEATHER
 CLASS

0900-1100
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.0										3.0	3.3
NNE	.8											.6	2.3
NE	1.6	.2										1.8	2.8
ENE	2.4	1.6	.1									4.0	3.4
E	6.1	6.9	3.3	.8	.1							17.2	5.1
ESE	1.9	2.6	2.8	1.0	1.0	.3	.1					9.7	8.6
SE	2.8	1.6	1.9	1.0	.2	.2						8.2	7.6
SSE	.6	.1	.1		.1							.9	5.3
S	.3											.3	2.3
SSW	.2											.3	3.0
SW	.2											.3	2.7
WSW	.2	.3	.3									.9	6.0
W	1.1	1.1	1.6	1.6	.2	.1						5.7	8.4
WNW	3.4	2.2	6.7	4.2	.6	.2	.2					17.6	8.9
NW	4.7	4.4	4.0	1.0	.6		.2					14.9	6.8
NNW	2.0	1.0	.2									3.2	3.3
VARBL													
CALM												11.2	
	30.4	23.0	21.0	10.1	2.8	.9	.6					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DDT APT
STATION NAME

57-66
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2										2.6	3.7
NNE	.3											.3	2.3
NE	.9	.8	.1									1.8	3.9
ENE	.7	.7										1.3	3.3
E	4.0	4.4	3.0	.3								11.8	7.1
ESE	2.4	3.3	2.3	1.4	.4		.1					10.6	7.1
SE	4.2	2.8	1.9	1.6	.2	.6						11.2	7.0
SSE	1.0	.1	.1									1.3	3.6
S	1.4		.1									1.6	2.8
SSW	.6	.3										.9	3.8
SW	.8	.1										.7	2.7
WSW	.3	.3	.1	.1								.9	3.9
W	1.4	1.6	2.6	1.2	.3							7.1	8.0
WNW	2.9	2.8	5.3	4.2	1.2	.3						16.8	9.2
NW	4.7	4.2	4.9	.6	.2	.4						15.0	6.5
NNW	2.1	.4	.1									2.7	3.3
VARBL													
CALM												13.7	
	29.3	23.1	20.6	9.4	2.4	1.3	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONMUEHMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSNOV
MONTHALL WEATHER
CLASS1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	.7										3.6	3.0
NNE	1.2	.1										1.3	2.7
NE	2.2	.8										3.0	3.1
ENE	1.6	1.2	.6									3.3	4.4
E	5.7	5.4	4.0	.2								15.3	5.0
ESE	2.0	2.0	2.9	1.2	.4							9.6	7.0
SE	2.8	1.7	1.0	.8	.6	.3						7.1	7.5
SSE	.7	.2	.6		.2							1.7	6.9
S	.2	.2										.4	3.8
SSW													
SW	.4	.2										.7	3.3
WSW	.3	.4	.1									.9	4.8
W	1.6	1.3	2.7	2.2	.2							8.0	8.4
WNW	1.6	2.6	6.0	4.0	.4	.3						14.9	9.3
NW	5.3	4.9	3.9	.7	.3	.1						15.2	5.6
NNW	3.1	.6	.2									3.9	3.2
VARBL													
CALM												11.1	
	32.6	22.3	21.9	9.1	2.2	.8						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DDT APT
STATION NAME57-66
YEARSNOV
MONTH1800-2000
HOURS (L.S.T.)ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	.9	.1									4.4	3.2
NNE	.8	.1										.9	2.9
NE	2.2	.7										2.9	3.2
ENE	2.1	1.4	.4									4.0	4.1
E	6.0	4.9	4.7	.4								16.0	5.4
ESE	2.4	2.6	3.8	1.2	.1							10.1	6.9
SE	2.2	2.0	1.4	.9	.6							7.1	7.2
SSE	.3	.4	.1	.3	.1							1.3	8.7
S	.3	.1	.1									.6	4.0
SSW	.2											.2	3.0
SW	.1											.1	2.0
WSW	.1											.1	2.0
W	2.1	1.6	2.2	2.3	.1							8.3	7.9
WNW	1.9	2.1	5.2	3.6	.6	.3						13.7	9.2
NW	5.4	3.8	3.2	.3	.2	.1	.2					13.3	5.9
NNW	2.9	1.1	.7									4.7	3.9
VARBL													
CALM												12.2	
	32.1	21.7	22.0	9.1	1.7	.4	.2					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20202
STATIONROPMAN WELLS NWT DPT APT
STATION NAME57-66
YEARSNOV
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	.7	.1									3.6	3.3
NNE	1.8											1.8	2.7
NE	2.1	.1	.1									2.3	3.1
ENE	1.2	1.2	.3									2.8	4.3
E	6.4	3.8	3.4	.4								18.1	5.1
ESE	2.8	3.4	3.2	1.7	.2	.4						11.8	7.7
SE	1.6	1.6	2.0	.9								5.7	6.6
SSE	.7		.1	.2	.1							1.1	6.7
S		.1	.1									.2	6.0
SSW													
SW	.2											.2	2.0
WSW	.1	.1	.2									.4	6.5
W	.7	.9	2.7	2.1	.2							6.6	9.3
WNW	2.0	1.7	4.3	2.9	1.4							12.0	9.2
NW	5.4	3.6	3.4	1.1	.2	.2						16.0	6.0
NNW	3.4	.7	.4									5.0	3.4
VARBL													
CALM												12.4	
	31.7	21.8	22.6	8.7	2.2	.7						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONVU-MAN WELLS NWT DUT APT
STATION NAME57-66
YEARSDEC
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.2										1.2	2.6
NNE	.8	.1										.9	2.6
NE	2.3	.1										2.4	2.9
ENE	2.0	.8	.2									3.0	3.5
E	5.9	3.4	2.7	.5	.1							12.7	5.0
ESE	4.3	1.8	3.4	1.2	.3	.1	.1					11.3	6.7
SE	4.5	1.9	1.9	.3	.6	.3	.1					9.8	6.7
SSE	.9	.4	.1									1.4	3.8
S	.6	.1	.1									.8	2.9
SSW	.4	.1										.5	2.4
SW	1.3	.2										1.5	2.8
WSW	.3	.2	.1									.6	4.5
W	3.4	2.9	3.0	1.7	.1							11.2	6.6
WNW	2.4	2.2	3.1	3.4	2.4	.2	.3					15.9	10.3
NW	2.7	2.3	1.1	.3	1.0	.2						7.9	7.3
NNW	1.4	.2										1.6	2.7
VARBL													
CALM												17.7	
	34.2	16.9	17.7	7.5	4.5	.9	.5					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DDT APT
STATION NAME57-66
YEARSDEC
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.1										1.3	2.7
NNE	.4											.4	2.3
NE	1.4	.5										1.9	3.2
ENE	1.4	.2	.2									1.8	3.6
E	6.5	3.4	2.8	.6								13.3	4.8
ESE	4.0	3.0	3.2	.9	.4	.3						11.8	6.6
SE	4.4	2.0	2.0	1.0	.9	.8						11.1	7.5
SSE	.8	.2	.1									1.1	3.2
S	.9											.9	2.4
SSW	.1											.1	2.0
SW	.5											.5	2.2
WSW	.9	.1	.4									1.4	4.5
W	2.7	1.8	2.4	1.6	.1							8.6	7.0
WNW	2.7	2.3	6.5	3.5	1.0	.4						16.3	9.2
NW	3.1	3.1	1.2	1.0	.5	1.0	.4	.1				10.4	9.4
NNW	1.1	.2			.1							1.4	3.9
VARBL													
CALM												17.5	
	31.4	17.1	18.8	8.6	3.0	2.3	.4	.1				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202

NORMAN WELLS NWT DOT APT

57-66

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.3										1.9	2.9
NNE	.3											.3	2.0
NE	1.3	.2										1.5	2.6
ENE	1.4	.4	.1									2.5	2.9
E	7.1	3.2	2.9	.3								13.7	4.5
ESE	4.4	3.2	1.8	1.4	.3	.1	.2	.1				11.6	7.0
SE	4.3	1.7	2.0	1.5	1.0	.2	.1					10.9	7.8
SSE	.2		.2	.2								1.0	6.2
S	.3	.1	.1									.5	3.4
SSW													
SW	.3											.3	2.3
WSW	.9	.2										1.1	2.8
W	3.0	1.6	3.3	1.3	.5							9.8	7.3
WNW	3.1	1.8	4.9	4.9	1.1	.3	.1					16.3	9.7
NW	3.5	1.8	1.3	.4	.8	.3	.1	.1				8.4	7.7
NNW	1.3	.2										1.5	2.6
VARBL													
CALM												18.7	
	34.0	15.1	16.8	10.1	3.7	1.0	.5	.2				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS HWT DOT APT
STATION NAME57-66
YEARSDEC
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5											1.5	2.4
NNE	.8											.8	2.7
NE	1.4											1.4	2.2
ENE	2.3	.4	.2									2.9	3.1
E	6.5	4.6	2.4	.3	.2							14.0	4.6
ESE	3.8	2.2	2.4	1.6	.5	.1	.2					10.8	7.4
SE	4.7	2.3	2.2	1.5	1.1	.1						11.8	7.2
SSE	1.2		.4	.2								1.8	5.3
S	.3											.3	3.0
SSW	.3											.3	2.7
SW	1.0	.1	.1									1.2	3.3
WSW	.4	.2	.1									.8	3.7
W	2.5	1.3	1.9	1.9	.2							7.8	7.8
WNW	2.2	2.7	4.3	4.5	1.6	.1						15.4	9.6
NW	4.3	2.9	1.1	.5	.9	.5						10.2	7.0
NNW	1.3	.1										1.4	2.7
VARBL													
CALM												17.6	
	34.3	16.8	15.1	10.6	4.5	.9	.2					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATION

NORMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9											.9	2.1
NNE	1.0											1.0	2.1
NE	1.5	.3										1.8	2.8
ENE	1.8	.5										2.4	3.0
E	5.2	4.2	1.5		.3							11.2	4.7
ESE	3.2	2.6	3.3	1.2	.5	.1	.2					11.2	7.5
SE	4.1	2.8	2.6	2.0	1.0	.1						12.6	7.5
SSE	1.0	.2		.1								1.3	3.8
S	1.2											1.2	2.0
SSW	.1											.1	3.0
SW	1.0											1.0	2.0
WSW	.9	.5	.1	.1								1.6	4.1
W	2.8	1.5	1.8	2.2	.3							8.6	7.8
WNW	2.6	2.5	4.0	5.6	1.9	.5						17.1	10.5
NW	2.2	1.3	1.6	.5	.8	.2	.3					8.3	7.7
NNW	1.2											1.2	2.5
VARBL													
CALM												18.7	
	31.8	16.5	14.9	11.7	4.8	1.0	.5					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 NUKMAN WELLS NWT DOT APT 57-66 DEC
STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.1										1.3	2.4
NNE	1.1			.1								1.2	3.5
NE	1.4	.1										2.0	2.6
ENE	1.1	.6	.2									1.9	4.0
E	6.7	4.3	2.6	.2								13.8	4.6
ESE	4.7	1.7	2.4	1.2	.8	.2						11.0	6.7
SE	2.8	2.2	2.0	1.4	.5	.2						9.1	7.7
SSE	.8	.2	.1	.2								1.3	5.3
S	.5	.1										.6	2.9
SSW	.3											.3	2.3
SW	.3	.1										.4	3.3
WSW	.5	.1	.3									1.0	4.9
W	1.6	1.7	3.0	2.4	.4							9.1	8.6
WNW	2.6	2.7	5.3	4.2	1.6	.5						16.9	9.8
NW	3.5	1.2	1.6	1.1	.9	.5	.2					9.0	8.7
NNW	1.4	.1	.1									1.6	2.7
VARBL													
CALM												19.4	
	31.1	15.2	17.6	10.8	4.2	1.5	.2					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSDEC
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3											1.3	2.3
NNE	.5											.5	2.2
NE	1.4	.1										1.5	2.6
ENE	1.2	.5	.1									1.8	3.2
E	5.8	4.4	2.9	.4								13.5	5.0
ESE	2.8	2.3	2.3	1.4	.3	.3						9.4	7.3
SE	3.8	1.8	2.0	1.7	.5							9.9	6.8
SSE	1.1	.1										1.2	2.5
S	.5											.5	2.4
SSW													
SW	.2	.1										.3	2.7
WSW	.4	.5										1.0	4.0
W	2.0	2.9	3.7	2.9	.1	.2						11.8	8.1
WNW	1.0	2.3	4.7	4.4	.9	.6	.2					15.1	10.1
NW	3.2	1.5	1.3	1.4	.3	.5	.1					8.6	8.3
NNW	.3	.1	.2									.6	4.8
VARBL													
CALM												22.9	
	26.6	16.7	17.4	12.3	2.2	1.7	.3					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202 STATION 26202 NORTON WELLS NWT DUT APT STATION NAME 57-66 YEARS DEC MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.1										1.3	2.5
NNE	.4	.1										1.0	3.1
NE	1.7	.1	.1									1.9	2.9
ENE	1.6	.9	.2									2.7	3.8
E	6.1	3.1	2.2	1.1								12.5	5.0
ESE	3.9	2.0	2.7	1.6	.2	.2						10.6	6.9
SE	4.3	2.2	2.2	.5	.3	.2						9.7	6.0
SSE	.3	.1	.1									.5	4.2
S	.2	.1										.3	2.7
SSW	.1											.1	3.0
SW	.1	.2										.3	4.3
WSW	.5	.2	.1									.9	4.3
W	2.2	1.8	2.6	2.4	.2	.2						9.4	8.3
WNW	3.8	2.9	6.2	4.1	1.0	.5						18.5	8.8
NW	3.3	1.6	1.7	.8	.2	.5	.2					8.4	7.8
NNW	.8	.4	.1									1.3	3.7
VARBL													
CALM												20.6	
	31.0	15.9	18.2	10.4	1.9	1.7	.2					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26202
STATIONNORMAN WELLS NWT UNIT APT
STATION NAME57-66
YEARSALL
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	.3	.0		.0							2.2	3.0
NNE	.5	.1										.6	2.8
NE	1.5	.3										1.8	2.9
ENE	1.0	.7	.1	.0								1.8	3.8
E	3.2	2.6	1.0	.1	.2							7.2	4.8
ESE	1.6	1.0	1.1	.2	.2	.1	.1	.1				4.4	7.6
SE	2.0	1.7	1.8	.4	.2	.0	.0					6.2	6.4
SSE	1.1	.2	.2	.1	.0							1.5	4.0
S	.4	.1	.0	.0								1.1	3.0
SSW	.2	.1										.3	3.1
SW	.8	.2	.1	.0								1.1	3.4
WSW	.6	.3	.3	.0								1.2	4.7
W	2.3	2.0	3.0	2.6	1.1	.4	.0	.0				11.3	9.4
WNW	2.4	2.4	6.5	8.3	5.8	2.2	.4	.1	.0			28.2	13.0
NW	3.8	3.3	4.3	2.4	1.9	1.1	.3	.0				17.2	9.9
NNW	1.0	.6	.2	.2	.2	.0						2.8	5.6
VARBL													
CALM												11.0	
	25.4	15.9	18.7	14.4	9.7	4.0	.8	.1	.0			100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

7592

DATA PROCESSING DIVISION
WAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq 5/16$	≥ 0
NO CEILING															
1800															
1500					91.0										92.6
1200															
1000															
900															
800															
700															
600															
500										97.4					98.1
400															
300															
200															
100															
0					95.4		96.9			98.3					100.0

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAC

CEILING VERSUS VISIBILITY

26202
STATIONFORMAN WELLS INET DIST APT
STATION NAME

57-66

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS %

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	45.9	47.0	47.4	47.7	48.1	48.1	48.3	48.4	48.4	48.6	48.7	48.7	48.9	48.9	49.0	49.0
≥ 20000	47.7	51.0	51.4	51.9	52.2	52.3	52.5	52.5	52.5	52.8	52.8	52.9	53.0	53.1	53.1	53.2
IV 18000	49.9	51.2	51.6	52.0	52.4	52.4	52.6	52.7	52.7	52.9	53.0	53.0	53.2	53.2	53.3	53.3
IV 16000	50.1	51.4	51.7	52.2	52.6	52.6	52.8	52.9	52.9	53.1	53.2	53.2	53.4	53.4	53.5	53.5
IV 14000	50.6	52.1	52.5	52.9	53.3	53.4	53.6	53.7	53.7	53.9	54.0	54.0	54.1	54.2	54.3	54.3
IV 12000	52.7	54.1	54.5	54.9	55.4	55.4	55.6	55.7	55.7	56.0	56.0	56.0	56.2	56.2	56.3	56.4
IV 10000	57.5	59.1	59.6	60.1	60.7	60.8	61.0	61.1	61.1	61.4	61.5	61.5	61.7	61.7	61.8	61.8
IV 9000	60.3	62.5	63.0	63.6	64.2	64.3	64.6	64.8	64.8	65.0	65.1	65.1	65.3	65.4	65.4	65.5
IV 8000	64.3	66.5	67.2	67.9	68.6	68.8	69.2	69.3	69.3	69.6	69.7	69.7	69.9	70.0	70.1	70.1
IV 7000	67.3	69.9	70.7	71.6	72.3	72.7	73.1	73.3	73.3	73.6	73.7	73.7	73.9	73.9	74.0	74.1
IV 6000	68.4	71.2	72.0	72.9	73.8	74.0	74.4	74.6	74.6	74.9	75.0	75.0	75.2	75.3	75.4	75.4
IV 5000	70.9	73.8	74.7	75.7	76.7	76.9	77.4	77.5	77.6	77.9	78.0	78.0	78.2	78.2	78.3	78.4
IV 4500	71.4	75.0	75.9	77.0	78.0	78.2	78.6	78.8	78.8	79.2	79.3	79.3	79.5	79.5	79.6	79.6
IV 4000	74.0	77.4	78.4	79.5	80.7	80.9	81.4	81.6	81.6	82.0	82.1	82.1	82.3	82.3	82.5	82.5
IV 3500	75.4	79.0	80.0	81.2	82.4	82.7	83.2	83.4	83.5	83.8	83.9	83.9	84.2	84.2	84.3	84.3
IV 3000	77.1	81.0	82.1	83.3	84.9	85.2	85.8	86.0	86.1	86.4	86.6	86.6	86.8	86.9	87.0	87.0
IV 2500	78.6	82.8	84.1	85.5	87.1	87.4	88.1	88.4	88.4	88.9	89.0	89.0	89.3	89.3	89.4	89.5
IV 2000	79.8	84.3	85.6	87.2	88.9	89.3	90.2	90.6	90.6	91.1	91.3	91.3	91.6	91.6	91.7	91.8
IV 1800	80.1	84.7	86.1	87.7	89.5	89.9	90.8	91.2	91.2	91.7	91.9	92.0	92.3	92.3	92.4	92.4
IV 1500	81.0	85.8	87.2	88.9	90.9	91.4	92.4	92.9	92.9	93.4	93.7	93.7	94.1	94.1	94.3	94.3
IV 1200	81.7	86.7	88.2	90.0	92.1	92.6	93.8	94.3	94.3	95.0	95.2	95.3	95.6	95.7	95.8	95.8
IV 1000	82.2	87.4	88.9	90.8	93.1	93.6	94.8	95.4	95.5	96.2	96.5	96.6	97.0	97.0	97.1	97.2
IV 900	82.3	87.6	89.2	91.1	93.4	93.9	95.2	95.8	95.9	96.6	96.9	97.0	97.4	97.4	97.6	97.6
IV 800	82.5	87.9	89.5	91.5	93.6	94.4	95.7	96.3	96.4	97.2	97.5	97.6	98.0	98.0	98.2	98.2
IV 700	82.6	88.1	89.7	91.8	94.1	94.7	96.0	96.7	96.7	97.6	97.9	98.0	98.4	98.4	98.6	98.6
IV 600	82.8	88.3	89.9	92.0	94.4	95.0	96.3	97.0	97.0	97.9	98.2	98.3	98.8	98.8	99.0	99.0
IV 500	82.9	88.5	90.1	92.2	94.7	95.2	96.6	97.3	97.3	98.2	98.6	98.7	99.2	99.2	99.4	99.4
IV 400	82.9	88.5	90.2	92.3	94.8	95.3	96.7	97.4	97.5	98.4	98.7	98.8	99.4	99.4	99.6	99.6
IV 300	82.9	88.5	90.2	92.3	94.8	95.4	96.8	97.5	97.5	98.5	98.8	98.9	99.5	99.5	99.7	99.8
IV 200	82.9	88.6	90.2	92.3	94.9	95.4	96.8	97.5	97.6	98.5	98.9	99.1	99.6	99.6	99.8	99.9
IV 100	82.9	88.6	90.2	92.3	94.9	95.4	96.8	97.5	97.6	98.5	98.9	99.1	99.6	99.7	99.9	99.9
IV 0	82.9	88.6	90.2	92.3	94.9	95.4	96.8	97.5	97.6	98.5	98.9	99.1	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

87642

USAF ETAC

FORM
1111 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26202

DORMAN WELLS AFB, OKT APT

57-66

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS PER

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0
NO CEILING	66.4	49.5	50.4	51.0	52.9	52.9	53.7	54.3	54.3	55.2	55.6	55.6	56.4	56.5	57.1	57.2
≥ 20000	47.8	51.2	52.1	53.4	54.7	54.7	55.5	56.1	56.1	57.0	57.4	57.5	58.2	58.4	59.0	59.0
≥ 18000	47.8	51.2	52.2	53.4	54.7	54.8	55.6	56.2	56.2	57.1	57.5	57.5	58.3	58.4	59.0	59.1
≥ 16000	47.9	51.3	52.2	53.4	54.8	54.8	55.6	56.2	56.2	57.2	57.5	57.6	58.3	58.5	59.1	59.2
≥ 14000	48.2	51.6	52.6	53.8	55.1	55.2	56.0	56.6	56.6	57.5	57.9	58.0	58.7	58.9	59.5	59.5
≥ 12000	49.5	53.1	54.0	55.3	56.7	56.8	57.7	58.3	58.3	59.2	59.6	59.6	60.3	60.5	61.1	61.2
≥ 10000	53.0	57.1	58.3	59.8	61.4	61.6	62.6	63.3	63.3	64.4	64.8	64.8	65.7	65.8	66.4	66.5
≥ 9000	55.4	59.9	61.2	62.9	64.7	65.0	66.1	66.8	66.8	68.0	68.4	68.5	69.3	69.5	70.1	70.1
≥ 8000	57.9	63.1	64.5	66.4	68.5	68.8	69.9	70.6	70.7	71.9	72.3	72.4	73.3	73.4	74.0	74.1
≥ 7000	60.4	66.1	67.8	70.0	72.2	72.6	73.8	74.6	74.6	75.9	76.3	76.4	77.3	77.5	78.1	78.2
≥ 6000	61.0	66.9	68.7	70.9	73.1	73.5	74.8	75.6	75.6	76.9	77.3	77.4	78.3	78.5	79.1	79.2
≥ 5000	62.3	68.5	70.6	72.9	75.3	75.7	77.0	77.8	77.8	79.2	79.6	79.7	80.6	80.8	81.4	81.5
≥ 4500	62.7	69.2	71.3	73.7	76.1	76.6	77.9	78.7	78.8	80.1	80.6	80.6	81.5	81.7	82.4	82.4
≥ 4000	63.6	70.5	72.8	75.4	78.1	78.6	80.0	80.9	80.9	82.3	82.8	82.8	83.8	83.9	84.6	84.6
≥ 3500	64.2	71.2	73.7	76.4	79.2	79.8	81.2	82.2	82.2	83.7	84.1	84.2	85.2	85.3	86.0	86.0
≥ 3000	64.8	72.3	74.9	77.8	80.8	81.6	83.3	84.3	84.4	85.9	86.4	86.5	87.4	87.6	88.2	88.3
≥ 2500	65.2	72.9	75.7	78.7	82.0	82.8	84.6	85.7	85.8	87.5	88.0	88.0	89.0	89.2	89.8	89.8
≥ 2000	65.8	73.7	76.6	79.7	83.2	84.1	86.2	87.6	87.7	89.5	90.1	90.1	91.2	91.4	92.0	92.1
≥ 1800	66.2	74.2	77.2	80.3	83.8	84.7	86.9	88.4	88.5	90.3	90.9	91.0	92.1	92.2	92.9	93.0
≥ 1500	66.9	75.1	78.0	81.2	85.1	86.1	88.5	90.2	90.3	92.2	92.8	92.9	94.1	94.3	94.9	95.0
≥ 1200	67.3	75.6	78.6	82.0	86.0	87.1	89.7	91.7	91.8	93.8	94.4	94.5	95.8	96.0	96.7	96.7
≥ 1000	67.4	75.8	78.8	82.3	86.3	87.6	90.3	92.6	92.7	94.7	95.4	95.5	96.9	97.1	97.8	97.9
≥ 900	67.4	75.9	78.9	82.4	86.7	87.7	90.6	92.8	93.0	95.1	95.7	95.9	97.3	97.5	98.2	98.3
≥ 800	67.5	75.9	79.0	82.5	86.8	87.9	90.8	93.1	93.3	95.4	96.1	96.3	97.7	97.9	98.6	98.8
≥ 700	67.5	76.0	79.1	82.6	86.9	88.0	90.9	93.3	93.4	95.6	96.3	96.5	97.9	98.1	98.8	99.0
≥ 600	67.6	76.1	79.2	82.7	87.1	88.1	91.0	93.4	93.5	95.8	96.5	96.8	98.2	98.5	99.2	99.3
≥ 500	67.6	76.2	79.2	82.8	87.2	88.3	91.2	93.5	93.7	96.0	96.8	97.0	98.6	98.9	99.6	99.7
≥ 400	67.6	76.2	79.3	82.8	87.2	88.3	91.2	93.6	93.7	96.0	96.8	97.1	98.8	99.0	99.7	99.9
≥ 300	67.6	76.2	79.3	82.8	87.2	88.3	91.2	93.6	93.8	96.0	96.8	97.1	98.8	99.1	99.8	99.9
≥ 200	67.6	76.2	79.3	82.8	87.2	88.3	91.2	93.6	93.8	96.1	96.9	97.2	98.9	99.1	99.9	100.0
≥ 100	67.6	76.2	79.3	82.8	87.2	88.3	91.2	93.6	93.8	96.1	96.9	97.2	98.9	99.1	99.9	100.0
≥ 0	67.6	76.2	79.3	82.8	87.2	88.3	91.2	93.6	93.8	96.1	96.9	97.2	98.9	99.1	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AFIP WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26202
STATION

WELLS NPT JPT APT
STATION NAME

57-66
YEARS

HEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS OF DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.125	≥0
NO CEILING	46.4	49.5	50.5	51.7	52.6	52.7	53.0	53.1	53.1	53.4	53.9	54.0	54.4	54.4	54.4	54.4
≥ 20000	49.2	52.5	53.6	54.5	55.9	56.0	56.4	56.5	56.5	57.1	57.3	57.3	57.8	57.8	57.8	57.8
IV 18000	49.2	52.6	53.7	54.9	56.0	56.1	56.5	56.6	56.6	57.2	57.4	57.5	57.9	57.9	57.9	57.9
IV 16000	49.3	52.7	53.7	54.9	56.1	56.2	56.6	56.7	56.7	57.3	57.5	57.5	58.0	58.0	58.0	58.0
IV 14000	50.3	53.7	54.8	56.0	57.2	57.3	57.7	57.7	57.7	58.4	58.5	58.6	59.0	59.0	59.1	59.1
IV 12000	52.2	55.7	56.8	58.1	59.3	59.4	59.8	59.9	59.9	60.5	60.7	60.7	61.2	61.2	61.2	61.2
IV 10000	56.1	60.4	61.8	63.4	64.7	64.8	65.3	65.3	65.3	66.0	66.2	66.3	66.7	66.7	66.7	66.7
IV 9000	58.0	62.6	64.1	65.9	67.4	67.6	68.1	68.2	68.2	68.9	69.1	69.2	69.6	69.6	69.7	69.7
IV 8000	60.7	65.9	67.6	69.6	71.4	71.6	72.2	72.3	72.4	73.1	73.3	73.3	73.8	73.8	73.9	73.9
IV 7000	62.7	69.2	71.2	73.5	75.7	76.1	76.7	76.9	77.0	77.8	77.9	78.0	78.4	78.4	78.5	78.5
IV 6000	63.3	70.0	72.1	74.5	76.8	77.2	77.8	78.0	78.0	78.8	79.0	79.0	79.5	79.5	79.6	79.6
IV 5000	64.6	71.7	74.0	76.5	79.1	79.4	80.2	80.4	80.4	81.3	81.4	81.5	81.9	81.9	82.0	82.0
IV 4500	65.1	72.3	74.7	77.3	79.9	80.3	81.1	81.3	81.3	82.2	82.3	82.4	82.8	82.9	82.9	82.9
IV 4000	66.0	73.5	76.0	78.7	81.7	82.1	83.0	83.3	83.3	84.2	84.4	84.5	85.0	85.0	85.1	85.1
IV 3500	66.7	74.5	77.2	79.9	83.0	83.7	84.6	85.0	85.0	86.0	86.2	86.2	86.7	86.7	86.8	86.9
IV 3000	67.3	75.4	78.3	81.3	85.0	85.8	86.9	87.4	87.4	88.6	88.8	88.8	89.5	89.5	89.6	89.6
IV 2500	67.9	76.3	79.3	82.5	86.6	87.6	88.9	89.5	89.5	90.8	91.0	91.1	91.8	91.9	92.0	92.0
IV 2000	68.7	77.4	80.4	83.7	88.2	89.2	91.0	91.7	91.8	93.2	93.5	93.6	94.4	94.5	94.6	94.6
IV 1800	68.8	77.6	80.6	84.0	88.4	89.5	91.3	92.1	92.2	93.6	93.9	94.0	94.9	94.9	95.0	95.0
IV 1500	69.1	78.0	81.1	84.6	89.2	90.3	92.3	93.2	93.3	95.0	95.3	95.4	96.5	96.5	96.6	96.6
IV 1200	69.4	78.6	81.7	85.3	89.9	91.0	93.1	94.2	94.3	96.0	96.4	96.5	97.3	97.5	97.6	97.6
IV 1000	69.6	78.8	81.9	85.6	90.2	91.4	93.6	94.8	94.9	96.8	97.2	97.3	98.4	98.4	98.5	98.6
IV 900	69.7	78.9	82.0	85.7	90.4	91.6	93.8	95.0	95.2	97.0	97.5	97.6	98.7	98.7	98.8	98.8
IV 800	69.7	77.0	82.2	85.9	90.6	91.8	94.1	95.3	95.4	97.4	97.9	98.0	99.1	99.1	99.2	99.2
IV 700	69.8	79.1	82.3	86.0	90.7	91.9	94.2	95.4	95.5	97.6	98.0	98.2	99.3	99.3	99.4	99.4
IV 600	69.8	79.2	82.3	86.0	90.8	92.0	94.3	95.5	95.7	97.7	98.2	98.3	99.5	99.5	99.6	99.6
IV 500	69.8	79.2	82.3	86.1	90.8	92.0	94.4	95.5	95.7	97.8	98.3	98.4	99.6	99.6	99.7	99.7
IV 400	69.8	79.2	82.4	86.1	90.8	92.0	94.4	95.6	95.7	97.8	98.3	98.4	99.6	99.6	99.7	99.8
IV 300	69.8	79.2	82.4	86.1	90.9	92.1	94.4	95.6	95.7	97.8	98.4	98.5	99.8	99.8	100.0	100.0
IV 200	69.8	79.2	82.4	86.1	90.9	92.1	94.4	95.6	95.7	97.8	98.4	98.5	99.8	99.8	100.0	100.0
IV 100	69.8	79.2	82.4	86.1	90.9	92.1	94.4	95.6	95.7	97.8	98.4	98.5	99.8	99.8	100.0	100.0
IV 0	69.8	79.2	82.4	86.1	90.9	92.1	94.4	95.6	95.7	97.8	98.4	98.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

6768

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

20202

WHEELS INT OUT APT

57-66

YEARS

AR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

all
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/3	≥ 1/4	≥ 1/5	≥ 0
NO CEILING ≥ 20000	60.7	62.7	63.1	63.6	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1
IV ≥ 18000	64.6	67.4	67.9	68.6	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3
IV ≥ 16000	64.7	67.4	68.0	68.7	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4
IV ≥ 14000	64.8	67.6	68.1	68.8	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.5	69.5
IV ≥ 12000	65.3	69.1	68.7	69.4	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1
IV ≥ 10000	66.6	69.7	70.2	71.0	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7
IV ≥ 9000	70.6	74.3	75.0	76.0	76.7	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2
IV ≥ 8000	72.7	76.8	77.7	79.0	79.8	80.0	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6
IV ≥ 7000	75.2	80.1	81.2	82.8	83.8	84.1	84.5	84.7	84.7	84.9	84.9	84.9	84.9	85.0	85.0	85.0
IV ≥ 6000	77.0	82.2	83.5	85.4	86.5	86.8	87.3	87.5	87.5	87.7	87.7	87.7	87.7	87.8	87.8	87.8
IV ≥ 5000	77.7	83.0	84.4	86.3	87.5	87.8	88.3	88.4	88.4	88.6	88.7	88.7	88.7	88.8	88.8	88.8
IV ≥ 4500	78.7	84.3	85.8	87.8	89.1	89.5	90.0	90.1	90.2	90.4	90.4	90.4	90.4	90.5	90.5	90.5
IV ≥ 4000	79.0	84.7	86.3	88.3	89.6	90.0	90.5	90.6	90.7	90.9	90.9	90.9	90.9	91.0	91.0	91.0
IV ≥ 3500	79.9	85.7	87.4	89.5	91.0	91.3	91.9	92.1	92.1	92.3	92.3	92.3	92.3	92.4	92.4	92.4
IV ≥ 3000	80.2	86.2	87.9	90.1	91.7	92.1	92.7	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3
IV ≥ 2500	80.7	87.1	88.9	91.2	93.1	93.5	94.2	94.4	94.4	94.7	94.7	94.7	94.7	94.9	94.9	94.9
IV ≥ 2000	81.1	87.7	89.6	92.2	94.4	94.8	95.6	95.8	95.9	96.1	96.2	96.2	96.4	96.4	96.4	96.4
IV ≥ 1800	81.5	88.1	90.1	92.8	95.2	95.7	96.7	97.0	97.0	97.3	97.4	97.4	97.7	97.7	97.7	97.7
IV ≥ 1500	81.6	88.2	90.2	92.9	95.4	96.0	97.0	97.3	97.4	97.7	97.7	97.8	97.8	98.1	98.1	98.1
IV ≥ 1200	81.6	88.5	90.5	93.3	96.2	96.7	98.0	98.4	98.5	99.1	99.3	99.3	99.3	99.5	99.6	99.6
IV ≥ 1000	81.6	88.5	90.5	93.3	96.2	96.7	98.0	98.4	98.5	99.1	99.3	99.3	99.3	99.5	99.6	99.6
IV ≥ 900	81.6	88.5	90.5	93.3	96.2	96.7	98.0	98.4	98.5	99.1	99.3	99.3	99.3	99.5	99.6	99.6
IV ≥ 800	81.6	88.5	90.5	93.3	96.2	96.7	98.0	98.4	98.5	99.1	99.3	99.3	99.3	99.5	99.6	99.6
IV ≥ 700	81.6	88.5	90.5	93.3	96.2	96.7	98.0	98.4	98.5	99.1	99.3	99.3	99.3	99.5	99.6	99.6
IV ≥ 600	81.6	88.5	90.5	93.3	96.2	96.7	98.0	98.4	98.5	99.1	99.3	99.3	99.3	99.5	99.6	99.6
IV ≥ 500	81.6	88.5	90.5	93.3	96.2	96.7	98.0	98.4	98.5	99.1	99.3	99.3	99.3	99.5	99.6	99.6
IV ≥ 400	81.6	88.5	90.5	93.3	96.2	96.7	98.0	98.4	98.5	99.1	99.3	99.3	99.3	99.5	99.6	99.6
IV ≥ 300	81.6	88.5	90.5	93.3	96.2	96.7	98.0	98.4	98.5	99.1	99.3	99.3	99.3	99.5	99.6	99.6
IV ≥ 200	81.6	88.5	90.5	93.3	96.2	96.7	98.0	98.4	98.5	99.1	99.3	99.3	99.3	99.5	99.6	99.6
IV ≥ 100	81.6	88.5	90.5	93.3	96.2	96.7	98.0	98.4	98.5	99.1	99.3	99.3	99.3	99.5	99.6	99.6
IV ≥ 0	81.6	88.5	90.5	93.3	96.2	96.7	98.0	98.4	98.5	99.1	99.3	99.3	99.3	99.5	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 7442

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

26202
STATION

EDWARDS WELLS INPT DUT APT
STATION NAME

57-46
YEARS

4 PR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 11.5

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/3	≥1/4	≥1/5	≥0
NO CEILING	55.6	55.9	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	60.0	60.6	60.8	61.2	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 18000	60.1	60.7	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 16000	60.3	60.8	61.1	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7
IV 14000	61.0	61.5	61.8	62.1	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 12000	62.5	63.1	63.4	63.7	63.8	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 10000	66.8	67.5	67.8	68.2	68.4	68.5	68.5	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8
IV 9000	69.1	70.1	70.3	71.0	71.4	71.6	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.1
IV 8000	71.9	73.4	74.1	74.9	75.6	75.8	76.1	76.3	76.3	76.4	76.5	76.5	76.6	76.6	76.6	76.6
IV 7000	73.7	75.8	76.6	77.6	78.6	78.9	79.2	79.4	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8
IV 6000	74.1	76.3	77.1	78.1	79.1	79.4	79.8	80.0	80.0	80.2	80.3	80.3	80.4	80.4	80.4	80.4
IV 5000	75.8	78.0	78.9	80.0	81.0	81.3	81.7	81.9	81.9	82.2	82.3	82.3	82.4	82.4	82.4	82.4
IV 4500	76.3	79.7	79.5	80.6	81.7	82.0	82.4	82.7	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1
IV 4000	78.4	81.2	82.2	83.3	84.8	85.3	85.7	86.0	86.0	86.3	86.4	86.4	86.5	86.5	86.5	86.5
IV 3500	79.6	82.4	83.4	84.9	86.3	86.8	87.2	87.5	87.5	87.8	87.9	87.9	88.0	88.0	88.0	88.0
IV 3000	80.6	83.9	85.0	86.6	88.3	88.8	89.3	89.5	89.6	90.0	90.1	90.1	90.2	90.2	90.3	90.3
IV 2500	81.8	85.3	86.6	88.3	90.2	90.8	91.5	91.9	91.9	92.3	92.4	92.4	92.5	92.5	92.6	92.6
IV 2000	82.5	86.4	87.8	89.7	91.9	92.4	93.4	93.8	93.8	94.4	94.6	94.6	94.7	94.7	94.8	94.8
IV 1800	82.7	86.7	88.1	90.0	92.2	92.8	93.8	94.3	94.3	94.8	95.1	95.1	95.2	95.2	95.3	95.3
IV 1500	83.0	87.2	88.6	90.6	92.9	93.5	94.6	95.4	95.4	96.0	96.3	96.3	96.5	96.5	96.7	96.7
IV 1200	83.3	87.5	88.9	91.0	93.5	94.1	95.3	96.2	96.2	97.0	97.3	97.4	97.6	97.6	97.8	97.8
IV 1000	83.5	87.8	89.3	91.3	94.0	94.6	95.9	96.9	96.9	97.9	98.3	98.4	98.6	98.6	98.9	99.0
IV 900	83.6	87.9	89.4	91.5	94.2	94.8	96.1	97.1	97.1	98.1	98.5	98.6	98.9	98.9	99.2	99.2
IV 800	83.7	88.0	89.5	91.6	94.3	94.9	96.2	97.2	97.2	98.3	98.7	98.8	99.1	99.1	99.4	99.5
IV 700	83.7	88.0	89.5	91.7	94.3	95.0	96.3	97.3	97.3	98.3	98.9	99.0	99.3	99.3	99.6	99.6
IV 600	83.7	88.0	89.5	91.7	94.3	95.0	96.3	97.3	97.3	97.4	98.3	98.9	99.0	99.3	99.6	99.7
IV 500	83.7	88.0	89.5	91.7	94.4	95.0	96.4	97.4	97.4	97.4	98.6	99.0	99.1	99.4	99.5	99.8
IV 400	83.7	88.0	89.5	91.7	94.4	95.0	96.4	97.4	97.4	97.4	98.6	99.0	99.1	99.4	99.5	99.9
IV 300	83.7	88.0	89.5	91.7	94.4	95.0	96.4	97.4	97.4	97.4	98.6	99.0	99.1	99.5	99.5	99.9
IV 200	83.7	88.0	89.5	91.7	94.4	95.0	96.4	97.4	97.4	97.4	98.6	99.0	99.1	99.5	99.5	100.0
IV 100	83.7	88.0	89.5	91.7	94.4	95.0	96.4	97.4	97.4	97.4	98.6	99.0	99.1	99.5	99.5	100.0
IV 0	83.7	88.0	89.5	91.7	94.4	95.0	96.4	97.4	97.4	97.4	98.6	99.0	99.1	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20202
STATIONNORMAN WELLS NWT DOT APT
STATION NAME57-66
YEARSFAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS IN SET

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥20000	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 18000	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 16000	57.8	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 14000	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 12000	60.4	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IV 10000	65.2	65.3	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8
IV 9000	68.5	68.8	68.9	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2
IV 8000	72.6	73.0	73.1	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6
IV 7000	76.3	76.9	77.1	77.2	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7
IV 6000	77.8	78.4	78.5	78.6	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
IV 5000	81.0	81.7	81.9	82.0	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5
IV 4500	82.8	83.6	83.8	83.9	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4
IV 4000	86.1	86.9	87.1	87.2	87.3	87.3	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9
IV 3500	88.0	88.8	89.1	89.2	89.5	89.5	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0
IV 3000	89.9	91.0	91.3	91.5	91.9	91.9	92.1	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4
IV 2500	90.9	92.3	92.6	92.8	93.2	93.2	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.8	93.8
IV 2000	91.9	93.5	93.9	94.3	94.8	94.9	95.3	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.8
IV 1800	92.0	93.7	94.1	94.5	95.1	95.2	95.6	95.7	95.7	95.8	95.9	96.0	96.1	96.1	96.1	96.2
IV 1500	92.4	94.2	94.7	95.2	95.9	96.0	96.3	96.7	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.3
IV 1200	92.5	94.5	95.0	95.6	96.4	96.5	97.0	97.3	97.3	97.6	97.7	97.7	97.9	97.9	97.9	98.0
IV 1000	92.6	94.7	95.3	95.9	96.7	96.9	97.3	97.9	97.9	98.2	98.4	98.5	98.7	98.7	98.7	98.8
IV 900	92.7	94.8	95.4	96.0	96.9	97.0	97.7	98.1	98.1	98.4	98.6	98.7	98.9	98.9	99.0	99.0
IV 800	92.7	94.8	95.5	96.1	97.0	97.2	97.9	98.3	98.3	98.6	98.8	98.9	99.1	99.1	99.2	99.2
IV 700	92.8	94.9	95.6	96.2	97.2	97.3	98.0	98.4	98.4	98.8	99.0	99.1	99.3	99.4	99.4	99.4
IV 600	92.8	95.0	95.7	96.4	97.3	97.5	98.2	98.6	98.6	99.0	99.2	99.3	99.6	99.6	99.6	99.7
IV 500	92.9	95.1	95.8	96.4	97.5	97.7	98.4	98.8	98.8	99.2	99.4	99.6	99.8	99.8	99.9	99.9
IV 400	92.9	95.1	95.8	96.4	97.5	97.7	98.4	98.8	98.8	99.2	99.4	99.6	99.8	99.8	99.9	99.9
IV 300	92.9	95.1	95.8	96.4	97.6	97.7	98.5	98.9	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9
IV 200	92.9	95.1	95.8	96.5	97.6	97.7	98.5	98.9	98.9	99.3	99.5	99.6	99.9	99.9	100.0	100.0
IV 100	92.9	95.1	95.8	96.5	97.6	97.7	98.5	98.9	98.9	99.3	99.5	99.6	99.9	99.9	100.0	100.0
IV 0	92.9	95.1	95.8	96.5	97.6	97.7	98.5	98.9	98.9	99.3	99.5	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

MURKIN WELLS APT DET APT
STATION NAME

57-66
YEARS

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

4LL
HOURS TO 5 Y.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 16000	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	86.1	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	89.4	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	90.9	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	92.5	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	93.3	94.2	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	94.0	95.0	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	94.2	95.2	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	94.9	96.0	96.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	95.2	96.4	96.8	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	95.6	97.0	97.5	97.7	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	95.7	97.1	97.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	95.9	97.4	97.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	96.1	97.6	98.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	96.2	97.7	98.3	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	96.2	97.8	98.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	96.2	97.8	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	96.2	97.8	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	96.2	97.8	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	96.2	97.8	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	96.2	97.8	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

JAPAN WFLS NWT DPT APT
STATION NAME

57-66
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING ≥ 20000	43.0	43.1	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 18000	48.6	48.6	48.6	48.6	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 16000	49.0	49.1	49.1	49.1	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 14000	49.9	50.0	50.0	50.0	50.0	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 12000	53.1	53.2	53.2	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 10000	60.3	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	65.2	65.5	65.6	65.6	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	71.0	71.3	71.4	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000	74.6	75.1	75.1	75.1	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000	76.8	77.3	77.3	77.3	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	80.9	81.5	81.5	81.5	81.6	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	82.4	83.1	83.1	83.1	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	85.9	86.6	86.6	86.6	86.9	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	88.0	89.0	89.0	89.1	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	90.5	91.6	91.6	91.7	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	92.1	93.5	93.6	93.7	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 2000	92.9	94.6	94.7	94.9	95.0	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	93.2	94.9	95.1	95.3	95.4	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	93.8	95.6	95.8	96.0	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	94.2	96.2	96.4	96.7	96.9	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	94.7	96.9	97.2	97.5	97.7	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	94.9	97.2	97.4	97.8	98.0	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	95.1	97.6	97.9	98.3	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	95.2	97.7	98.1	98.5	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 600	95.3	97.9	98.3	98.8	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 500	95.3	98.0	98.4	98.9	99.1	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.4	98.1	98.5	99.0	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	95.4	98.1	98.5	99.0	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	95.4	98.1	98.5	99.0	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	95.4	98.1	98.5	99.0	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	95.4	98.1	98.5	99.0	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

20202
STATION

WILMAN WELLS NAT OUT APT
STATION NAME

57-66
YEARS

MONTH

ALL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.8	44.9	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.3
≥ 20000	48.6	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.2	49.2
IV 18000	46.8	48.9	49.0	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3
IV 16000	46.9	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.5
IV 14000	49.9	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.5	50.5
IV 12000	53.1	53.2	53.3	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6
IV 10000	59.5	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.2
IV 9000	63.8	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5
IV 8000	68.8	69.2	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7
IV 7000	73.2	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.3
IV 6000	74.7	74.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8
IV 5000	78.6	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8
IV 4500	80.3	80.9	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.6
IV 4000	83.1	83.9	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.6
IV 3500	85.0	84.9	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7
IV 3000	87.6	88.5	88.8	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.4	89.4
IV 2500	89.1	90.5	90.8	91.0	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.5
IV 2000	90.5	92.0	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.1
IV 1800	90.9	92.5	92.9	93.2	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.7
IV 1500	91.8	93.7	94.0	94.3	94.5	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.9
IV 1200	92.7	94.8	95.2	95.6	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.2
IV 1000	93.1	95.5	96.0	96.5	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.2
IV 900	93.3	95.7	96.2	96.7	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4
IV 800	93.5	96.1	96.6	97.2	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
IV 700	93.6	96.4	97.0	97.6	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6
IV 600	93.9	96.8	97.5	98.2	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.3
IV 500	94.1	97.0	97.8	98.5	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.7
IV 400	94.1	97.1	97.8	98.6	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9
IV 300	94.2	97.2	97.9	98.7	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
IV 200	94.2	97.2	97.9	98.7	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
IV 100	94.2	97.2	97.9	98.7	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
IV 0	94.2	97.2	97.9	98.7	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26292
STATION

NORMAN WELLS NWT DGT APT
STATION NAME

37-66
YEARS

MONTH

SFP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	35.8	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.1	36.1	36.1	36.2	36.2	36.3	36.3
≥20000	35.9	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3
IV 18000	39.1	39.2	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.7	39.7
IV 16000	39.3	39.4	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.9	39.9
IV 14000	40.1	40.2	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.7	40.7
IV 12000	42.2	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.8	42.8
IV 10000	47.0	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.6	47.6
IV 9000	51.4	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.1	52.1
IV 8000	56.9	57.1	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.7	57.7
IV 7000	61.7	61.9	62.0	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.6	62.6
IV 6000	63.5	63.6	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.5	64.5
IV 5000	67.6	68.0	68.0	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.7	68.7
IV 4500	69.2	69.6	69.6	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.3	70.3
IV 4000	72.7	73.3	73.4	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.1	74.2
IV 3500	75.3	75.9	76.0	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.8	76.8
IV 3000	78.8	79.6	79.8	80.1	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.7	80.8
IV 2500	83.2	84.3	84.5	85.0	85.2	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.8	85.8
IV 2000	85.6	87.1	87.4	88.0	88.5	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	89.0	89.1
IV 1800	88.2	89.8	89.9	90.4	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.4	91.4
IV 1500	91.1	92.0	92.0	92.4	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.4	93.4
IV 1200	92.2	93.4	93.4	93.8	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.8	94.8
IV 1000	93.9	94.9	94.9	95.3	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.3	96.3
IV 900	96.1	96.7	96.7	97.1	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9	98.1	98.1
IV 800	98.4	98.9	98.9	99.3	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

7195

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26202
STATION

WILSON WELLS NPT DET APT
STATION NAME

57-66

YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 11.5

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	20.3	24.9	29.1	29.3	29.5	29.7	29.7	29.7	29.7	29.9	29.9	29.9	29.9	30.0	30.1	30.3
≥ 20000	31.7	32.4	32.6	32.8	33.0	33.1	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.7	33.7	33.8
≥ 18000	31.9	32.6	32.8	33.0	33.2	33.3	33.4	33.4	33.4	33.6	33.6	33.6	33.6	33.9	33.9	34.0
≥ 16000	32.2	32.8	33.1	33.3	33.5	33.5	33.7	33.7	33.7	33.9	33.9	33.9	33.9	34.2	34.2	34.3
≥ 14000	32.8	33.5	33.7	33.9	34.2	34.2	34.3	34.3	34.4	34.6	34.6	34.6	34.6	34.8	34.8	35.0
≥ 12000	34.7	35.4	35.6	35.9	36.1	36.2	36.3	36.3	36.4	36.6	36.6	36.6	36.6	36.8	36.9	37.0
≥ 10000	38.7	39.5	39.8	40.0	40.4	40.4	40.7	40.7	40.7	40.9	40.9	40.9	40.9	41.2	41.2	41.3
≥ 9000	42.1	43.1	43.4	43.7	44.1	44.2	44.4	44.5	44.5	44.7	44.7	44.7	44.7	45.0	45.0	45.1
≥ 8000	45.5	46.7	47.1	47.4	48.1	48.2	48.5	48.5	48.5	48.8	48.8	48.8	48.8	49.1	49.1	49.2
≥ 7000	47.6	49.0	49.4	50.0	50.5	50.6	50.9	51.0	51.0	51.3	51.3	51.3	51.3	51.6	51.6	51.7
≥ 6000	48.6	50.0	50.4	51.0	51.5	51.7	52.0	52.0	52.1	52.3	52.3	52.3	52.4	52.6	52.6	52.8
≥ 5000	50.5	52.1	52.5	53.2	53.6	53.9	54.2	54.3	54.3	54.6	54.6	54.6	54.6	54.9	54.9	55.0
≥ 4500	51.5	53.4	53.8	54.5	55.1	55.3	55.6	55.7	55.7	55.9	56.0	56.0	56.0	56.3	56.3	56.4
≥ 4000	53.7	55.9	56.5	57.2	57.9	58.1	58.5	58.5	58.6	58.8	58.8	58.8	58.9	59.1	59.2	59.3
≥ 3500	55.8	58.5	59.1	60.0	60.8	60.9	61.3	61.4	61.4	61.7	61.7	61.7	61.7	62.0	62.0	62.2
≥ 3000	59.4	63.0	63.8	64.8	65.8	66.0	66.6	66.7	66.7	67.0	67.0	67.0	67.0	67.3	67.3	67.5
≥ 2500	63.1	67.2	68.2	69.5	70.9	71.2	71.9	72.1	72.1	72.4	72.4	72.4	72.5	72.8	72.8	72.9
≥ 2000	66.3	71.0	72.1	73.6	75.3	75.7	76.6	76.9	76.9	77.3	77.4	77.4	77.4	77.7	77.8	77.9
≥ 1800	67.2	72.1	73.3	74.8	76.6	77.0	78.0	78.3	78.3	78.7	78.8	78.9	79.2	79.2	79.3	79.3
≥ 1500	69.7	75.2	76.5	78.2	80.3	80.8	82.1	82.4	82.5	82.9	83.1	83.1	83.5	83.5	83.7	83.7
≥ 1200	72.3	78.3	79.7	81.6	83.9	84.5	86.0	86.4	86.5	87.0	87.3	87.4	87.8	87.9	88.0	88.0
≥ 1000	73.7	80.2	81.8	83.8	86.3	87.1	88.8	89.3	89.4	90.0	90.4	90.8	91.3	91.3	91.5	91.5
≥ 900	74.2	80.9	82.4	84.5	87.4	88.1	89.9	90.4	90.5	91.2	91.7	92.1	92.7	92.7	93.0	93.0
≥ 800	74.8	81.8	83.5	85.6	88.0	89.3	91.1	91.7	91.8	92.6	93.1	93.6	94.2	94.3	94.5	94.5
≥ 700	75.2	82.4	84.1	86.3	89.3	90.0	91.9	92.5	92.6	93.5	94.0	94.5	95.1	95.2	95.5	95.5
≥ 600	75.7	83.0	84.7	86.9	90.1	90.8	92.8	93.3	93.4	94.4	95.0	95.5	96.1	96.2	96.5	96.5
≥ 500	76.0	83.5	85.3	87.5	90.8	91.5	93.5	94.1	94.2	95.3	96.1	96.6	97.4	97.4	97.7	97.7
≥ 400	76.1	83.8	85.5	87.8	91.1	91.9	93.9	94.6	94.7	95.8	96.5	97.1	98.0	98.0	98.3	98.3
≥ 300	76.2	83.8	85.6	88.0	91.3	92.1	94.2	94.8	94.9	96.1	96.9	97.5	98.5	98.6	98.9	98.9
≥ 200	76.2	83.9	85.7	88.0	91.5	92.2	94.3	95.0	95.1	96.4	97.3	97.6	98.9	99.0	99.4	99.4
≥ 100	76.3	84.9	85.7	88.1	91.5	92.2	94.4	95.0	95.1	96.5	97.4	97.9	99.0	99.2	99.6	99.6
≥ 0	76.3	83.9	85.7	88.1	91.5	92.3	94.4	95.0	95.1	96.5	97.4	97.9	99.0	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

76202
STATION

WORMAN WELLS HRT DUT APT
STATION NAME

57-66
YEARS

MONTH

1971

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1971
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .15	≥ .10	≥ .05	≥ 0
NO CEILING ≥ 20000	42.2	41.6	42.0	42.3	42.5	42.6	42.6	42.7	42.9	43.2	43.3	43.3	43.4	43.5	43.6	43.6
≥ 18000	42.3	44.1	44.5	44.5	45.2	45.2	45.4	45.6	45.6	45.8	45.9	46.0	46.1	46.1	46.2	46.2
≥ 16000	42.6	44.5	44.9	45.3	45.6	45.6	45.8	46.0	46.0	46.2	46.3	46.3	46.5	46.5	46.6	46.6
≥ 14000	43.2	45.1	45.5	45.6	46.2	46.2	46.3	46.7	46.7	46.9	47.0	47.0	47.2	47.2	47.3	47.3
≥ 12000	44.6	46.6	47.1	47.4	47.7	47.8	48.1	48.3	48.3	48.5	48.6	48.6	48.8	48.8	48.9	48.9
≥ 10000	48.0	51.3	51.9	52.4	52.8	52.9	53.3	53.5	53.5	53.7	53.8	53.9	54.0	54.0	54.1	54.1
≥ 9000	50.8	53.8	54.5	55.1	55.5	55.7	56.2	56.2	56.2	56.3	56.6	56.6	56.8	56.8	56.9	56.9
≥ 8000	54.2	57.7	58.3	59.1	59.7	59.8	60.3	60.5	60.5	60.7	60.8	60.8	61.0	61.1	61.2	61.2
≥ 7000	57.8	62.1	62.9	64.3	64.9	65.1	65.7	65.9	65.9	66.2	66.3	66.3	66.5	66.5	66.6	66.6
≥ 6000	58.5	63.0	63.9	65.0	65.8	66.1	66.7	66.9	66.9	67.2	67.3	67.3	67.5	67.5	67.6	67.6
≥ 5000	60.4	65.4	66.5	68.0	68.9	69.2	69.9	70.1	70.1	70.3	70.5	70.5	70.7	70.7	70.8	70.8
≥ 4500	61.1	66.4	67.6	69.2	70.2	70.5	71.2	71.5	71.5	71.7	71.8	71.8	72.0	72.1	72.2	72.2
≥ 4000	62.2	68.0	69.3	71.0	72.3	72.6	73.4	73.7	73.7	73.9	74.0	74.1	74.2	74.3	74.4	74.4
≥ 3500	63.3	69.3	70.7	72.4	73.7	74.1	75.0	75.2	75.2	75.5	75.6	75.6	75.8	75.8	75.9	76.0
≥ 3000	64.3	70.8	72.4	74.3	75.7	76.1	77.1	77.4	77.4	77.7	77.8	77.8	78.0	78.0	78.1	78.1
≥ 2500	65.7	72.6	74.3	76.3	77.9	78.3	79.4	79.8	79.8	80.1	80.2	80.3	80.4	80.5	80.6	80.6
≥ 2000	67.2	74.6	76.4	78.6	80.6	81.0	82.4	82.8	82.8	83.1	83.3	83.3	83.5	83.6	83.7	83.7
≥ 1800	67.9	75.5	77.4	79.7	81.8	82.3	83.6	84.1	84.1	84.5	84.7	84.7	84.9	84.9	85.0	85.1
≥ 1500	69.3	77.2	79.2	81.7	84.3	84.8	86.5	87.1	87.1	87.6	87.8	87.9	88.1	88.1	88.3	88.3
≥ 1200	71.1	79.4	81.5	84.0	86.9	87.4	89.2	89.8	89.9	90.4	90.8	90.9	91.1	91.1	91.2	91.2
≥ 1000	72.2	80.9	83.1	85.7	88.8	89.4	91.4	92.1	92.2	93.0	93.4	93.4	93.6	93.7	93.8	93.8
≥ 900	72.5	81.4	83.7	86.5	89.6	90.4	92.5	93.2	93.3	94.2	94.5	94.6	94.8	94.8	94.9	94.9
≥ 800	72.9	82.0	84.4	87.4	90.6	91.4	93.6	94.4	94.5	95.4	95.8	95.9	96.1	96.1	96.3	96.3
≥ 700	73.2	82.6	85.1	88.1	91.4	92.2	94.5	95.4	95.4	96.4	96.8	96.9	97.2	97.2	97.3	97.3
≥ 600	73.4	83.0	85.5	88.6	91.9	92.8	95.2	96.0	96.1	97.1	97.6	97.6	97.9	97.9	98.1	98.1
≥ 500	73.7	83.6	86.1	89.2	92.6	93.5	95.9	96.8	96.9	98.0	98.5	98.6	98.8	98.9	99.0	99.0
≥ 400	73.8	83.8	86.2	89.4	92.8	93.7	96.2	97.1	97.2	98.3	98.8	98.9	99.2	99.2	99.3	99.3
≥ 300	73.8	83.8	86.3	89.5	92.9	93.8	96.3	97.3	97.4	98.6	99.0	99.1	99.4	99.4	99.5	99.5
≥ 200	73.8	83.8	86.3	89.6	93.0	93.9	96.5	97.5	97.5	98.8	99.3	99.3	99.7	99.7	99.8	99.8
≥ 100	73.8	83.9	86.4	89.6	93.0	93.9	96.5	97.5	97.6	98.8	99.3	99.3	99.7	99.7	99.8	99.8
≥ 0	73.8	83.9	86.4	89.6	93.0	93.9	96.5	97.5	97.6	98.8	99.3	99.3	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

26202

GORDON WELLS WELLS APT

57-66

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	⅓	≥5/16	⅓	≥0
NO CEILING	60.5	51.5	53.0	54.3	55.8	55.8	56.6	57.2	57.3	58.5	58.9	58.9	59.1	59.4	60.5	60.5	
≥ 20000	49.8	52.8	54.5	55.9	57.5	57.5	58.3	59.0	59.1	60.3	60.8	60.8	61.0	61.2	62.4	62.4	
≥ 18000	49.8	52.8	54.5	55.9	57.5	57.5	58.5	59.0	59.1	60.3	60.8	60.8	61.0	61.2	62.4	62.4	
≥ 16000	49.8	52.8	54.5	55.9	57.5	57.5	58.6	59.1	59.2	60.4	60.9	60.9	61.1	61.3	62.5	62.5	
≥ 14000	50.0	53.0	54.7	56.1	57.7	57.8	58.8	59.4	59.5	60.6	61.1	61.1	61.3	61.5	62.7	62.7	
≥ 12000	50.4	53.4	55.2	56.7	58.3	58.4	59.4	59.9	60.0	61.2	61.6	61.6	61.8	62.0	63.2	63.2	
≥ 10000	52.8	57.0	58.9	60.8	62.4	62.5	63.5	64.1	64.2	65.4	65.8	65.8	66.1	66.3	67.5	67.5	
≥ 9000	54.8	59.4	61.6	63.5	65.4	65.8	66.9	67.4	67.5	68.7	69.1	69.1	69.6	69.8	71.0	71.0	
≥ 8000	57.0	62.5	64.7	66.9	68.9	69.4	70.5	71.1	71.2	72.4	72.8	72.8	73.2	73.4	74.6	74.6	
≥ 7000	58.6	64.4	66.8	69.2	71.6	72.4	73.8	74.3	74.5	75.7	76.2	76.2	76.7	76.9	78.1	78.1	
≥ 6000	59.6	65.8	68.6	71.2	73.5	74.3	75.8	76.3	76.6	77.7	78.3	78.3	78.7	78.9	80.1	80.1	
≥ 5000	61.0	68.1	71.1	73.8	76.1	76.9	78.5	79.0	79.2	80.5	81.1	81.1	81.5	81.7	82.9	82.9	
≥ 4500	61.4	68.8	71.8	74.6	77.1	77.8	79.5	80.0	80.2	81.5	82.0	82.0	82.5	82.7	83.9	83.9	
≥ 4000	61.9	70.0	73.4	76.6	79.0	79.8	81.4	82.0	82.3	83.5	84.2	84.2	84.6	84.8	86.0	86.0	
≥ 3500	62.4	70.8	74.3	77.5	80.1	80.9	82.6	83.2	83.4	84.7	85.4	85.4	85.8	86.0	87.2	87.2	
≥ 3000	63.0	71.6	75.4	78.6	81.3	82.0	83.8	84.4	84.6	85.9	86.6	86.6	87.0	87.2	88.4	88.4	
≥ 2500	63.8	72.7	76.3	79.6	82.6	83.4	85.2	86.0	86.3	88.1	88.7	88.7	89.1	89.4	90.5	90.5	
≥ 2000	64.4	73.4	77.1	80.3	83.4	84.3	86.5	87.7	88.1	89.8	90.4	90.4	91.1	91.3	92.5	92.5	
≥ 1800	64.8	74.0	77.7	81.1	84.3	85.2	87.3	88.7	89.0	90.8	91.4	91.4	92.0	92.3	93.5	93.5	
≥ 1500	65.4	74.7	78.6	81.9	85.5	86.3	88.8	90.5	90.9	92.6	93.3	93.3	94.0	94.2	95.6	95.6	
≥ 1200	65.9	75.4	79.2	82.9	86.6	87.4	90.0	91.7	92.0	93.8	94.5	94.5	95.2	95.4	96.9	96.9	
≥ 1000	66.0	75.5	79.4	83.0	87.0	87.8	90.8	92.8	93.1	94.8	95.6	95.6	96.3	96.6	98.1	98.1	
≥ 900	66.0	75.5	79.4	83.0	87.1	88.0	90.9	92.9	93.2	94.9	95.7	95.7	96.4	96.6	98.4	98.4	
≥ 800	66.0	75.5	79.4	83.0	87.1	88.0	91.1	93.5	93.9	95.6	96.3	96.3	97.2	97.5	99.0	99.0	
≥ 700	66.0	75.5	79.4	83.0	87.1	88.0	91.2	93.7	94.0	95.7	96.5	96.5	97.4	97.6	99.1	99.1	
≥ 600	66.0	75.5	79.4	83.0	87.2	88.1	91.3	93.8	94.1	95.9	96.7	96.7	97.6	97.8	99.5	99.5	
≥ 500	66.0	75.5	79.4	83.0	87.2	88.1	91.3	93.8	94.2	96.1	96.9	96.9	97.8	98.1	99.7	99.7	
≥ 400	66.0	75.5	79.4	83.0	87.2	88.1	91.3	93.8	94.2	96.1	96.9	96.9	97.8	98.1	99.7	99.7	
≥ 300	66.0	75.5	79.4	83.0	87.2	88.1	91.3	93.8	94.2	96.1	97.0	97.0	98.0	98.2	99.8	99.8	
≥ 200	66.0	75.5	79.4	83.0	87.4	88.3	91.5	94.0	94.4	96.3	97.2	97.2	98.2	98.4	100.0	100.0	
≥ 100	66.0	75.5	79.4	83.0	87.4	88.3	91.5	94.0	94.4	96.3	97.2	97.2	98.2	98.4	100.0	100.0	
0	66.0	75.5	79.4	83.0	87.4	88.3	91.5	94.0	94.4	96.3	97.2	97.2	98.2	98.4	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 111 64 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

20202
STATION

SUPPLY WELLS NWT UNIT APT
STATION NAME

57-66

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0300
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥0
NO CEILING	46.3	50.3	51.0	52.6	53.4	53.8	54.7	54.8	54.8	56.0	56.7	56.7	57.2	57.2	57.7	57.7
≥ 20000	47.5	51.7	52.4	54.2	55.4	55.4	56.3	56.5	56.5	57.6	58.3	58.3	58.8	58.8	59.4	59.4
≥ 18000	47.5	51.7	52.4	54.2	55.4	55.4	56.3	56.6	56.6	57.7	58.4	58.4	58.9	58.9	59.5	59.5
≥ 16000	47.5	51.7	52.4	54.2	55.4	55.4	56.3	56.6	56.6	57.7	58.4	58.4	58.9	58.9	59.5	59.5
≥ 14000	47.6	52.0	52.7	54.5	55.7	55.8	56.9	57.0	57.0	58.2	58.8	58.8	59.4	59.4	59.9	59.9
≥ 12000	48.7	53.1	53.8	55.6	56.8	57.0	58.3	58.6	58.6	59.8	60.4	60.4	61.0	61.0	61.5	61.5
≥ 10000	52.4	57.5	58.4	60.3	61.6	61.9	63.2	63.5	63.5	64.7	65.4	65.4	65.9	65.9	66.5	66.5
≥ 9000	53.4	59.0	60.0	61.9	63.2	63.5	65.1	65.4	65.4	66.9	67.5	67.5	68.1	68.1	68.6	68.6
≥ 8000	56.2	62.3	63.2	65.4	66.8	67.1	68.6	68.9	68.9	70.4	71.1	71.1	71.6	71.6	72.2	72.2
≥ 7000	58.4	64.8	66.5	68.9	70.5	70.9	72.4	72.7	72.7	74.2	74.8	74.8	75.4	75.4	75.9	75.9
≥ 6000	58.8	64.6	67.6	70.1	71.7	72.2	73.7	74.0	74.0	75.5	76.2	76.2	76.9	76.9	77.4	77.4
≥ 5000	60.4	67.4	69.7	72.2	73.9	74.3	75.9	76.3	76.3	77.8	78.6	78.6	79.2	79.2	79.6	79.6
≥ 4500	61.1	68.5	71.1	73.7	75.4	76.2	77.8	78.3	78.3	79.8	80.5	80.5	81.2	81.2	81.7	81.7
≥ 4000	62.5	70.4	73.2	75.8	78.0	78.8	80.4	80.9	80.9	82.4	83.1	83.1	83.8	83.8	84.3	84.3
≥ 3500	63.1	71.4	74.3	77.0	79.2	80.3	81.9	82.4	82.4	83.9	84.6	84.6	85.3	85.3	85.8	85.8
≥ 3000	63.7	72.5	75.4	78.3	81.1	82.4	84.3	84.8	84.8	86.3	87.2	87.2	87.8	87.8	88.4	88.4
≥ 2500	64.3	73.3	76.2	79.4	82.7	84.1	86.2	86.9	86.9	88.4	89.2	89.2	89.9	89.9	90.4	90.4
≥ 2000	64.7	73.9	76.9	80.1	83.5	85.1	87.3	88.2	88.2	90.0	91.0	91.0	91.6	91.6	92.2	92.2
≥ 1800	64.8	74.2	77.2	80.4	83.9	85.4	87.6	88.6	88.6	90.5	91.5	91.5	92.4	92.4	92.9	92.9
≥ 1500	65.9	75.3	78.3	81.5	84.9	86.5	89.0	90.3	90.3	92.3	93.3	93.3	94.3	94.3	94.9	94.9
≥ 1200	66.3	75.8	78.9	82.4	86.1	87.7	90.3	91.6	91.6	93.7	94.7	94.7	95.7	95.7	96.3	96.3
≥ 1000	66.6	76.2	79.4	82.9	86.7	88.4	91.1	92.6	92.6	94.7	95.9	95.9	97.0	97.0	97.7	97.7
≥ 900	66.6	76.2	79.4	82.9	86.8	88.5	91.3	93.1	93.1	95.3	96.5	96.5	97.6	97.6	98.5	98.5
≥ 800	66.8	76.7	79.8	83.3	87.3	89.0	91.9	93.9	93.9	96.1	97.4	97.4	98.6	98.6	99.5	99.5
≥ 700	66.9	76.8	79.9	83.4	87.4	89.1	92.0	94.0	94.0	96.2	97.5	97.5	98.7	98.7	99.6	99.6
≥ 600	67.0	76.9	80.0	83.5	87.5	89.2	92.2	94.1	94.1	96.3	97.6	97.6	98.8	98.8	99.7	99.7
≥ 500	67.0	76.9	80.0	83.5	87.7	89.3	92.4	94.3	94.3	96.6	97.8	97.8	99.0	99.0	99.9	99.9
≥ 400	67.0	76.9	80.0	83.5	87.7	89.3	92.4	94.3	94.3	96.6	97.8	97.8	99.0	99.0	99.9	99.9
≥ 300	67.0	76.9	80.0	83.5	87.7	89.3	92.4	94.3	94.3	96.6	97.8	97.8	99.0	99.0	99.9	99.9
≥ 200	67.0	76.9	80.0	83.5	87.7	89.3	92.5	94.4	94.4	96.7	98.0	98.1	99.1	99.1	100.0	100.0
≥ 100	67.0	76.9	80.0	83.5	87.7	89.3	92.5	94.4	94.4	96.7	98.0	98.1	99.1	99.1	100.0	100.0
≥ 0	67.0	76.9	80.0	83.5	87.7	89.3	92.5	94.4	94.4	96.7	98.0	98.1	99.1	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20202

SUNBELLS AFB TX

57-66

YEARS

141

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

FOUR HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	47.5	50.8	51.7	53.3	54.5	54.9	55.4	55.9	55.9	56.8	57.1	57.1	58.1	58.1	58.8	58.8
≥ 20000	47.7	51.0	52.0	53.7	54.3	55.3	55.7	56.2	56.2	57.1	57.4	57.4	58.4	58.4	59.1	59.1
≥ 18000	47.7	51.0	52.0	53.7	54.8	55.3	55.7	56.2	56.2	57.1	57.4	57.4	58.4	58.4	59.1	59.1
≥ 16000	47.7	51.0	52.0	53.7	54.8	55.3	55.7	56.2	56.2	57.1	57.4	57.4	58.4	58.4	59.1	59.1
≥ 14000	48.4	51.8	52.9	54.5	55.7	56.1	56.6	57.1	57.1	58.0	58.3	58.3	59.2	59.2	60.0	60.0
≥ 12000	48.7	52.3	53.3	54.9	56.3	56.8	57.4	58.0	58.0	58.8	59.1	59.1	60.1	60.1	60.9	60.9
≥ 10000	51.5	55.7	57.1	58.7	60.3	60.8	61.7	62.3	62.3	63.3	63.7	63.7	64.6	64.6	65.4	65.4
≥ 9000	54.3	58.9	60.3	62.3	64.0	64.4	65.5	66.1	66.1	67.3	67.6	67.6	68.6	68.6	69.4	69.4
≥ 8000	55.9	61.2	62.8	64.9	66.8	67.2	68.3	69.0	69.0	70.2	70.5	70.5	71.6	71.6	72.4	72.4
≥ 7000	58.6	64.8	66.7	69.1	71.1	71.6	72.7	73.4	73.4	74.6	74.9	74.9	76.0	76.0	76.8	76.8
≥ 6000	58.8	65.1	66.9	69.4	71.3	71.8	72.9	73.7	73.7	74.8	75.2	75.3	76.2	76.2	77.0	77.0
≥ 5000	60.4	67.0	69.2	71.3	74.2	74.8	76.0	76.8	76.8	78.0	78.3	78.4	79.4	79.4	80.1	80.1
≥ 4500	61.1	68.2	70.5	73.5	75.9	76.6	77.8	78.6	78.6	79.9	80.2	80.3	81.3	81.3	82.0	82.0
≥ 4000	62.2	69.7	72.3	75.8	78.7	79.5	80.9	81.7	81.7	83.1	83.4	83.5	84.5	84.5	85.3	85.3
≥ 3500	63.1	70.6	73.4	77.0	80.1	81.0	82.5	83.7	83.7	85.1	85.4	85.5	86.5	86.5	87.2	87.2
≥ 3000	63.7	71.4	74.7	78.5	81.7	82.8	84.5	85.8	85.9	87.3	87.6	87.7	88.7	88.7	89.5	89.5
≥ 2500	65.9	71.6	75.2	79.0	82.4	83.7	85.4	86.7	86.9	88.4	88.7	88.8	89.8	89.8	90.5	90.5
≥ 2000	64.8	72.7	76.3	80.5	84.3	85.8	88.1	89.5	89.7	91.2	91.5	91.6	92.8	92.8	93.5	93.5
≥ 1800	65.3	73.3	77.0	81.2	85.1	86.6	88.8	90.2	90.4	91.9	92.3	92.4	93.5	93.5	94.3	94.3
≥ 1500	66.1	74.3	78.1	82.3	86.5	88.0	90.4	92.2	92.4	94.2	94.6	94.7	95.9	95.9	96.7	96.7
≥ 1200	66.3	74.5	78.3	82.5	86.7	88.2	90.6	92.7	93.0	94.9	95.4	95.5	96.7	96.7	97.5	97.5
≥ 1000	66.8	74.9	78.7	82.9	87.2	88.7	91.2	93.5	93.9	95.8	96.2	96.3	97.5	97.5	98.4	98.4
≥ 900	66.8	74.9	78.7	83.0	87.3	88.8	91.3	93.7	94.0	95.9	96.3	96.6	97.8	97.8	98.7	98.7
≥ 800	66.8	75.1	78.8	83.2	87.5	89.0	91.5	93.9	94.2	96.1	96.7	96.9	98.2	98.2	99.0	99.0
≥ 700	66.9	75.2	78.9	83.3	87.6	89.1	91.6	94.0	94.3	96.2	96.8	97.0	98.3	98.3	99.1	99.1
≥ 600	67.0	75.3	79.0	83.4	87.7	89.2	91.7	94.1	94.4	96.5	97.0	97.2	98.6	98.7	99.6	99.6
≥ 500	67.1	75.4	79.1	83.5	87.8	89.4	91.8	94.2	94.5	96.6	97.1	97.3	98.7	98.8	99.7	99.7
≥ 400	67.1	75.4	79.1	83.5	87.8	89.4	91.8	94.2	94.5	96.7	97.2	97.4	98.8	98.9	99.8	99.8
≥ 300	67.1	75.4	79.1	83.5	87.8	89.4	91.8	94.2	94.5	96.7	97.2	97.4	98.9	99.0	99.9	99.9
≥ 200	67.1	75.4	79.1	83.5	87.8	89.4	91.8	94.2	94.5	96.7	97.2	97.4	99.0	99.1	100.0	100.0
≥ 100	67.1	75.4	79.1	83.5	87.8	89.4	91.8	94.2	94.5	96.7	97.2	97.4	99.0	99.1	100.0	100.0
≥ 0	67.1	75.4	79.1	83.5	87.8	89.4	91.8	94.2	94.5	96.7	97.2	97.4	99.0	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ALC

CEILING VERSUS VISIBILITY

26222 HUNTER WELLS AFB DUTY APT
STATION STATION NAME

57-66

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS-151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.6	43.5	46.3	46.6	48.0	48.0	48.7	49.2	49.2	50.3	50.9	51.0	52.2	52.2	52.4	52.4
≥ 20000	44.3	47.3	48.2	48.4	49.8	49.8	50.5	51.1	51.1	52.3	52.8	52.9	54.1	54.1	54.3	54.3
≥ 18000	44.3	47.3	48.2	48.4	49.8	49.8	50.5	51.1	51.1	52.3	52.8	52.9	54.1	54.1	54.3	54.3
≥ 16000	44.3	47.3	48.2	48.4	49.8	49.8	50.5	51.1	51.1	52.3	52.8	52.9	54.1	54.1	54.3	54.3
≥ 14000	44.3	47.3	48.2	48.4	49.8	49.8	50.5	51.1	51.1	52.3	52.8	52.9	54.1	54.1	54.3	54.3
≥ 12000	45.8	48.9	49.8	50.1	51.6	51.6	52.4	52.9	52.9	54.1	54.6	54.7	55.9	55.9	56.1	56.1
≥ 10000	49.0	53.4	54.6	55.4	57.4	57.4	58.3	58.9	58.9	60.6	61.2	61.3	62.5	62.5	62.7	62.7
≥ 9000	53.3	57.7	58.9	59.7	61.8	61.8	62.7	63.3	63.3	65.3	65.8	65.9	67.1	67.1	67.3	67.3
≥ 8000	56.3	61.3	62.9	64.1	66.3	66.6	67.4	69.1	68.1	70.0	70.5	70.9	72.2	72.2	72.5	72.5
≥ 7000	58.7	64.3	66.0	67.2	69.8	70.1	71.1	71.7	71.7	73.8	74.3	74.6	75.9	75.9	76.2	76.2
≥ 6000	58.7	64.3	66.1	67.3	69.9	70.2	71.2	71.8	71.8	73.9	74.4	74.7	76.0	76.0	76.3	76.3
≥ 5000	60.3	66.6	68.6	70.0	72.9	73.2	74.2	74.8	74.8	76.9	77.4	77.7	79.0	79.0	79.4	79.4
≥ 4500	61.2	67.4	69.5	70.9	73.8	74.1	75.1	75.7	75.7	77.7	78.3	78.6	79.9	79.9	80.2	80.2
≥ 4000	62.4	69.0	71.7	73.3	76.5	76.9	77.8	78.5	78.5	80.6	81.2	81.5	82.8	82.8	83.1	83.1
≥ 3500	62.9	69.6	72.6	74.3	78.0	78.4	79.5	80.1	80.1	82.3	82.8	83.1	84.4	84.4	84.7	84.7
≥ 3000	63.7	70.6	74.2	76.2	80.3	80.8	82.2	83.1	83.1	85.4	85.9	86.2	87.5	87.5	87.8	87.8
≥ 2500	64.1	71.3	75.1	77.2	81.3	81.9	83.3	84.3	84.3	86.7	87.2	87.5	89.0	89.0	89.4	89.4
≥ 2000	64.6	72.0	76.2	78.4	83.0	83.4	85.4	86.6	86.6	89.0	89.7	90.0	91.5	91.5	91.8	91.8
≥ 1800	64.8	72.3	76.5	78.6	83.3	83.8	85.8	87.0	87.0	89.5	90.1	90.4	91.9	91.9	92.3	92.3
≥ 1500	65.6	73.1	77.3	79.6	84.4	84.8	87.0	88.3	88.3	91.0	91.6	92.2	93.7	93.7	94.0	94.0
≥ 1200	66.2	74.0	78.3	80.5	85.5	85.9	88.2	90.0	90.0	92.7	93.4	94.1	95.6	95.6	95.9	95.9
≥ 1000	66.3	74.1	78.4	80.8	85.7	86.2	88.7	91.0	91.0	93.8	94.5	95.2	96.7	96.7	97.0	97.0
≥ 900	66.3	74.3	78.7	81.2	86.1	86.7	89.1	91.4	91.4	94.2	94.9	95.6	97.1	97.1	97.4	97.4
≥ 800	66.3	74.3	78.7	81.2	86.1	86.0	89.2	91.5	91.6	94.4	95.2	95.9	97.5	97.5	97.8	97.8
≥ 700	66.5	74.5	78.9	81.4	86.3	87.0	89.5	91.7	91.8	94.6	95.4	96.1	97.7	97.7	98.1	98.1
≥ 600	66.6	74.6	79.1	81.6	86.6	87.2	89.7	91.9	92.0	94.9	95.9	96.4	98.5	98.5	98.8	98.8
≥ 500	66.6	74.8	79.4	81.8	86.8	87.4	90.0	92.4	92.6	95.6	96.6	97.3	99.4	99.4	99.7	99.8
≥ 400	66.6	74.8	79.4	81.8	86.8	87.4	90.0	92.4	92.6	95.6	96.6	97.3	99.6	99.6	99.9	100.0
≥ 300	66.6	74.8	79.4	81.8	86.8	87.4	90.0	92.4	92.6	95.6	96.6	97.3	99.6	99.6	99.9	100.0
≥ 200	66.6	74.8	79.4	81.8	86.8	87.4	90.0	92.4	92.6	95.6	96.6	97.3	99.6	99.6	99.9	100.0
≥ 100	66.6	74.8	79.4	81.8	86.8	87.4	90.0	92.4	92.6	95.6	96.6	97.3	99.6	99.6	99.9	100.0
≥ 0	66.6	74.8	79.4	81.8	86.8	87.4	90.0	92.4	92.6	95.6	96.6	97.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26202
STATION

WORTH WELLS NUT DUT APT
STATION NAME

57-66
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.3	46.9	47.3	48.7	49.6	49.6	50.8	51.7	51.7	53.1	53.8	53.9	54.5	54.5	54.9	55.1
≥ 20000	47.0	50.1	50.6	52.0	53.0	53.0	54.2	55.2	55.2	56.6	57.2	57.3	58.0	58.0	58.4	58.5
IV 18000	47.0	50.1	50.6	52.0	53.0	53.0	54.2	55.2	55.2	56.6	57.2	57.3	58.0	58.0	58.4	58.5
IV 16000	47.1	50.2	50.8	52.2	53.1	53.1	54.3	55.3	55.3	56.7	57.3	57.4	58.1	58.1	58.5	58.6
IV 14000	47.5	50.6	51.2	52.6	53.5	53.5	54.7	55.7	55.7	57.1	57.7	57.8	58.5	58.5	58.9	59.0
IV 12000	49.8	53.1	53.7	55.2	56.3	56.3	57.5	58.5	58.5	59.9	60.5	60.6	61.3	61.3	61.7	61.8
IV 10000	53.7	57.8	58.7	60.3	61.8	61.9	63.2	64.4	64.4	66.2	66.9	67.0	67.8	67.8	68.3	68.4
IV 9000	50.1	60.6	61.5	63.2	65.2	65.5	67.1	68.3	68.3	70.1	70.8	70.9	71.7	71.7	72.2	72.3
IV 8000	58.9	64.0	64.9	66.8	68.8	69.2	71.0	72.3	72.3	74.2	74.8	74.9	76.0	76.0	76.5	76.6
IV 7000	61.8	67.1	68.3	70.2	72.4	72.8	74.6	76.2	76.2	78.3	78.9	79.0	80.1	80.1	80.5	80.6
IV 6000	62.3	67.5	68.7	70.6	72.8	73.2	75.1	76.7	76.7	78.7	79.4	79.5	80.5	80.5	81.0	81.1
IV 5000	63.0	68.5	69.7	71.6	73.9	74.3	76.3	78.0	78.0	80.2	80.9	81.0	82.0	82.0	82.5	82.6
IV 4500	63.2	68.7	69.9	71.8	74.1	74.5	76.0	78.2	78.2	80.4	81.1	81.2	82.3	82.3	82.7	82.8
IV 4000	63.9	69.7	71.0	73.0	75.5	75.9	78.0	79.7	79.7	81.9	82.6	82.7	83.8	83.8	84.2	84.3
IV 3500	64.1	70.2	71.7	74.0	76.7	77.1	79.1	80.9	80.9	83.3	84.0	84.1	85.2	85.2	85.6	85.7
IV 3000	65.1	71.7	73.3	76.0	78.8	79.5	81.6	83.5	83.5	86.5	87.2	87.3	88.4	88.4	88.8	88.9
IV 2500	65.1	72.0	73.8	76.6	79.8	80.4	82.7	84.7	84.7	87.8	88.6	88.7	89.8	89.8	90.2	90.3
IV 2000	65.3	72.5	74.2	77.0	80.5	81.2	84.1	86.3	86.3	89.8	90.8	90.9	92.0	92.0	92.2	92.6
IV 1800	65.6	72.9	74.6	77.4	81.0	81.6	84.5	86.8	86.8	90.2	91.2	91.3	92.5	92.5	92.9	93.0
IV 1500	65.9	73.5	75.3	78.3	82.2	82.8	85.9	88.3	88.3	91.7	92.7	92.8	94.2	94.2	94.6	94.7
IV 1200	66.6	74.3	76.1	79.5	83.7	84.3	87.5	90.0	90.0	93.4	94.5	94.6	96.0	96.0	96.5	96.6
IV 1000	66.6	74.4	76.3	79.7	84.2	84.8	88.1	91.1	91.1	94.6	95.7	95.8	97.2	97.2	97.6	97.7
IV 900	66.6	74.5	76.5	79.8	84.3	84.9	88.2	91.2	91.2	94.8	95.9	96.0	97.4	97.4	97.8	98.0
IV 800	66.6	74.5	76.5	79.8	84.3	84.9	88.2	91.3	91.3	95.1	96.2	96.3	97.7	97.7	98.1	98.3
IV 700	66.6	74.7	76.7	80.0	84.5	85.2	88.5	91.6	91.6	95.4	96.6	96.7	98.1	98.1	98.5	98.6
IV 600	66.6	74.7	76.7	80.0	84.5	85.2	88.5	91.6	91.6	95.5	96.7	96.9	98.3	98.3	98.7	98.8
IV 500	66.8	74.9	76.9	80.2	84.7	85.4	88.7	91.8	91.8	95.7	96.9	97.2	99.0	99.0	99.5	99.6
IV 400	66.8	74.9	76.9	80.2	84.7	85.4	88.7	91.8	91.8	95.7	96.9	97.2	99.4	99.4	99.8	99.9
IV 300	66.8	74.9	77.0	80.3	84.8	85.5	88.8	91.9	91.9	95.8	97.0	97.3	99.5	99.5	99.9	100.0
IV 200	66.8	74.9	77.0	80.3	84.8	85.5	88.8	91.9	91.9	95.8	97.0	97.3	99.5	99.5	99.9	100.0
IV 100	66.8	74.9	77.0	80.3	84.8	85.5	88.8	91.9	91.9	95.8	97.0	97.3	99.5	99.5	99.9	100.0
IV 0	66.8	74.9	77.0	80.3	84.8	85.5	88.8	91.9	91.9	95.8	97.0	97.3	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

76202
STATION

MURKIN WELLS INT. JET APT
STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .125	≥ 0
NO CEILING	45.3	47.8	48.8	50.4	51.7	51.7	52.5	52.9	52.9	53.4	53.5	53.5	54.6	54.7	55.5	55.5
≥ 20000	47.5	50.4	51.4	53.0	54.3	54.3	55.1	55.5	55.5	56.0	56.1	56.1	57.2	57.3	58.1	58.1
IV 18000	47.6	50.5	51.5	53.1	54.4	54.4	55.2	55.6	55.6	56.1	56.2	56.2	57.3	57.4	58.2	58.2
IV 16000	47.6	50.5	51.5	53.1	54.4	54.4	55.2	55.6	55.6	56.1	56.2	56.2	57.3	57.4	58.2	58.2
IV 14000	48.2	51.1	52.0	53.7	54.9	54.9	55.7	56.1	56.1	56.7	56.8	56.8	57.8	58.0	58.7	58.7
IV 12000	49.9	52.9	53.9	55.5	56.9	56.9	57.6	58.1	58.1	58.6	58.7	58.7	59.8	59.9	60.6	60.6
IV 10000	53.7	56.9	58.1	60.0	61.5	61.5	62.7	63.3	63.3	64.3	64.4	64.4	65.6	65.7	66.5	66.5
IV 9000	57.6	61.3	62.9	65.3	67.0	67.0	68.4	69.0	69.0	70.0	70.1	70.1	71.3	71.4	72.2	72.2
IV 8000	60.6	65.6	67.3	69.9	72.0	72.0	73.5	74.2	74.2	75.2	75.3	75.3	76.6	76.7	77.4	77.4
IV 7000	63.5	68.8	70.9	73.7	75.9	75.9	76.2	77.4	78.1	78.1	79.0	79.2	80.5	80.6	81.4	81.4
IV 6000	64.2	69.6	71.7	74.5	76.8	77.1	78.3	78.9	78.9	79.9	80.1	80.1	81.4	81.5	82.3	82.3
IV 5000	64.6	70.1	72.3	75.1	77.3	77.6	78.8	79.5	79.5	80.4	80.6	80.6	81.9	82.0	82.8	82.8
IV 4500	65.2	70.6	72.8	75.6	77.8	78.2	79.5	80.2	80.2	81.4	81.6	81.6	82.9	83.0	83.8	83.8
IV 4000	66.0	72.0	74.2	77.0	79.4	79.7	81.2	81.9	81.9	83.1	83.3	83.3	84.6	84.7	85.5	85.5
IV 3500	67.0	73.0	75.4	78.2	80.6	81.0	82.5	83.2	83.2	84.6	84.8	84.8	86.1	86.2	87.0	87.0
IV 3000	67.5	74.2	76.6	79.5	81.9	82.7	84.9	85.7	85.7	87.1	87.3	87.3	88.6	88.7	89.5	89.5
IV 2500	67.7	74.5	76.9	79.8	82.5	83.2	85.6	86.7	86.7	88.1	88.3	88.3	89.6	89.7	90.4	90.4
IV 2000	68.3	75.2	77.5	80.6	83.3	84.2	86.9	88.0	88.0	89.4	89.6	89.6	90.9	91.0	91.7	91.7
IV 1800	68.5	75.4	77.7	80.9	83.5	84.6	87.4	88.5	88.5	89.9	90.1	90.1	91.4	91.5	92.3	92.3
IV 1500	68.6	75.7	78.1	81.3	84.4	85.5	88.4	89.9	89.9	91.5	91.8	91.8	93.2	93.3	94.1	94.1
IV 1200	69.0	76.5	79.0	82.5	85.7	87.1	90.2	91.8	91.8	93.7	94.0	94.0	95.5	95.6	96.3	96.3
IV 1000	69.2	76.7	79.2	82.8	86.3	87.8	91.0	92.9	92.9	94.7	95.3	95.4	96.9	97.0	97.7	97.7
IV 900	69.2	76.7	79.2	82.8	86.3	87.8	91.0	92.9	93.0	95.3	95.8	95.9	97.5	97.6	98.4	98.4
IV 800	69.2	76.7	79.2	82.8	86.3	87.8	91.0	92.9	93.0	95.3	95.8	95.9	97.5	97.6	98.4	98.4
IV 700	69.2	76.7	79.2	82.8	86.3	87.8	91.0	92.9	93.1	95.5	96.0	96.1	97.7	97.8	98.6	98.6
IV 600	69.4	76.8	79.4	83.0	86.6	88.1	91.2	93.1	93.2	95.6	96.2	96.3	98.0	98.1	98.8	98.8
IV 500	69.5	76.9	79.5	83.1	86.7	88.2	91.3	93.2	93.3	95.8	96.5	96.6	98.5	98.6	99.4	99.4
IV 400	69.5	76.9	79.5	83.1	86.7	88.2	91.3	93.2	93.3	95.9	96.6	96.7	98.7	98.8	99.6	99.6
IV 300	69.5	76.9	79.5	83.1	86.7	88.2	91.3	93.2	93.3	95.9	96.6	96.7	98.7	98.8	99.7	99.7
IV 200	69.5	76.9	79.5	83.1	86.7	88.2	91.3	93.2	93.3	95.9	96.6	96.7	98.7	98.8	99.7	99.7
IV 100	69.5	76.9	79.5	83.1	86.7	88.2	91.3	93.2	93.3	95.9	96.6	96.7	98.7	98.8	99.7	99.7
IV 0	69.5	76.9	79.5	83.1	86.7	88.2	91.3	93.2	93.3	95.9	96.6	96.7	98.8	98.9	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

26202

DUNSMITH WELLS NAT. OUT. APT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	46.6	51.2	51.7	52.6	54.0	54.0	54.5	55.4	55.4	55.6	55.9	55.9	56.8	57.2	57.6	57.8
≥ 18000 IV 16000	47.7	52.6	53.2	54.1	55.5	55.5	56.0	56.9	56.9	57.1	57.4	57.4	58.3	58.8	59.1	59.4
IV 14000 IV 12000	47.8	52.7	53.3	54.2	55.6	55.6	56.1	57.0	57.0	57.2	57.5	57.5	58.4	58.9	59.2	59.5
IV 10000 IV 9000	48.2	53.0	53.7	54.5	55.9	55.9	56.5	57.3	57.3	57.5	57.8	57.8	58.7	59.2	59.6	59.8
IV 8000 IV 7000	49.9	54.8	55.5	56.3	57.7	57.7	58.3	59.1	59.1	59.4	59.7	59.7	60.5	61.1	61.4	61.6
IV 6000 IV 5000	49.9	54.8	55.5	56.3	57.7	57.7	58.3	59.1	59.1	59.4	59.7	59.7	60.5	61.1	61.4	61.6
IV 4500 IV 4000	49.9	54.8	55.5	56.3	57.7	57.7	58.3	59.1	59.1	59.4	59.7	59.7	60.5	61.1	61.4	61.6
IV 3500 IV 3000	49.9	54.8	55.5	56.3	57.7	57.7	58.3	59.1	59.1	59.4	59.7	59.7	60.5	61.1	61.4	61.6
IV 2500 IV 2000	49.9	54.8	55.5	56.3	57.7	57.7	58.3	59.1	59.1	59.4	59.7	59.7	60.5	61.1	61.4	61.6
IV 1800 IV 1500	49.9	54.8	55.5	56.3	57.7	57.7	58.3	59.1	59.1	59.4	59.7	59.7	60.5	61.1	61.4	61.6
IV 1200 IV 1000	49.9	54.8	55.5	56.3	57.7	57.7	58.3	59.1	59.1	59.4	59.7	59.7	60.5	61.1	61.4	61.6
IV 900 IV 800	49.9	54.8	55.5	56.3	57.7	57.7	58.3	59.1	59.1	59.4	59.7	59.7	60.5	61.1	61.4	61.6
IV 700 IV 600	49.9	54.8	55.5	56.3	57.7	57.7	58.3	59.1	59.1	59.4	59.7	59.7	60.5	61.1	61.4	61.6
IV 500 IV 400	49.9	54.8	55.5	56.3	57.7	57.7	58.3	59.1	59.1	59.4	59.7	59.7	60.5	61.1	61.4	61.6
IV 300 IV 200	49.9	54.8	55.5	56.3	57.7	57.7	58.3	59.1	59.1	59.4	59.7	59.7	60.5	61.1	61.4	61.6
IV 100 IV 0	49.9	54.8	55.5	56.3	57.7	57.7	58.3	59.1	59.1	59.4	59.7	59.7	60.5	61.1	61.4	61.6

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

MURKIN WELLS NRT INT APT
STATION NAME

57-66

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .14	≥ 0
NO CEILING	69.5	52.2	53.1	54.2	55.7	55.8	56.6	57.1	57.1	58.0	58.1	58.1	58.5	59.0	59.6	59.9
≥ 20000	50.8	53.7	54.6	55.7	57.2	57.3	58.1	58.6	58.6	59.5	59.6	59.6	60.0	60.5	61.1	61.4
≥ 18000	51.0	53.9	54.8	55.9	57.4	57.5	58.3	58.8	58.8	59.7	59.8	59.8	60.2	60.8	61.3	61.6
≥ 16000	51.0	53.9	54.8	55.9	57.4	57.5	58.3	58.8	58.8	59.7	59.8	59.8	60.2	60.8	61.3	61.6
≥ 14000	51.3	54.2	55.2	56.2	57.7	57.8	58.6	59.1	59.1	60.0	60.1	60.1	60.5	61.1	61.6	61.9
≥ 12000	53.0	55.9	56.9	58.0	59.6	59.7	60.4	61.0	61.0	61.8	61.9	61.9	62.4	62.9	63.4	63.8
≥ 10000	56.2	59.4	60.6	61.9	63.8	63.9	64.8	65.4	65.4	66.2	66.3	66.3	66.8	67.3	67.8	68.2
≥ 9000	58.0	61.2	62.5	63.7	66.3	66.5	67.4	68.2	68.2	69.0	69.1	69.1	69.6	70.1	70.6	71.0
≥ 8000	59.1	63.2	64.6	66.1	68.6	68.9	69.9	70.6	70.6	71.5	71.6	71.6	72.0	72.6	73.1	73.4
≥ 7000	61.5	65.9	67.3	69.5	72.0	72.5	73.7	74.4	74.4	75.3	75.4	75.4	75.8	76.3	76.9	77.2
≥ 6000	62.7	67.3	68.8	71.1	73.7	74.1	75.3	76.0	76.0	76.9	77.0	77.0	77.4	78.0	78.5	78.8
≥ 5000	64.3	69.4	71.1	73.9	76.8	77.2	78.4	79.1	79.1	80.0	80.1	80.1	80.5	81.1	81.8	82.2
≥ 4500	64.6	70.0	71.7	74.6	77.5	78.0	79.1	79.9	79.9	80.8	80.9	80.9	81.3	81.8	82.5	82.9
≥ 4000	64.9	70.3	72.3	75.6	78.8	79.2	80.5	81.6	81.6	82.5	82.6	82.6	83.0	83.5	84.3	84.6
≥ 3500	65.5	71.1	73.1	76.5	79.7	80.1	81.5	82.7	82.7	83.7	83.8	83.8	84.2	84.7	85.5	85.8
≥ 3000	65.8	71.5	73.5	77.0	80.3	80.8	82.2	83.4	83.4	84.4	84.5	84.5	84.9	85.5	86.2	86.6
≥ 2500	66.5	72.5	74.6	78.2	81.6	82.0	83.5	84.9	85.2	86.1	86.2	86.2	86.7	87.2	88.0	88.3
≥ 2000	66.9	73.4	75.6	79.1	82.7	83.1	84.7	86.6	86.8	88.0	88.2	88.2	88.7	89.2	90.0	90.3
≥ 1800	67.7	74.4	76.6	80.2	84.0	84.4	86.2	88.1	88.3	89.5	89.7	89.7	90.2	90.8	91.5	91.8
≥ 1500	68.5	75.5	77.6	81.5	85.8	86.5	88.9	90.8	91.0	92.2	92.4	92.4	92.9	93.4	94.2	94.5
≥ 1200	68.6	75.6	77.7	81.6	86.0	86.7	89.7	91.8	92.0	93.4	93.7	93.7	94.5	95.2	95.9	96.2
≥ 1000	68.8	75.8	78.0	81.9	86.5	87.1	90.5	92.7	92.9	94.3	94.5	94.5	94.6	95.8	96.5	97.5
≥ 900	68.9	75.9	78.1	82.2	87.0	87.6	90.9	93.2	93.4	94.8	95.1	95.2	96.3	97.0	97.7	98.1
≥ 800	68.9	75.9	78.1	82.4	87.2	87.8	91.1	93.4	93.7	95.1	95.3	95.4	96.6	97.2	98.0	98.3
≥ 700	68.9	75.9	78.2	82.5	87.3	88.0	91.2	93.5	93.8	95.4	95.6	95.8	97.0	97.6	98.4	98.7
≥ 600	68.9	76.0	78.3	82.6	87.4	88.1	91.4	93.8	94.0	95.7	96.0	96.2	97.4	98.2	98.9	99.2
≥ 500	68.9	76.0	78.3	82.6	87.4	88.1	91.4	93.8	94.0	95.7	96.1	96.3	97.5	98.3	99.2	99.6
≥ 400	68.9	76.1	78.4	82.8	87.6	88.3	91.6	94.0	94.2	95.9	96.3	96.6	97.7	98.5	99.5	99.8
≥ 300	68.9	76.1	78.4	82.8	87.6	88.3	91.6	94.0	94.2	95.9	96.3	96.6	97.7	98.5	99.5	99.8
≥ 200	68.9	76.1	78.4	82.8	87.6	88.3	91.6	94.0	94.2	95.9	96.3	96.6	97.7	98.5	99.5	99.8
≥ 100	68.9	76.1	78.4	82.8	87.6	88.3	91.6	94.0	94.2	95.9	96.3	96.6	97.7	98.5	99.5	99.8
≥ 0	68.9	76.1	78.4	82.8	87.6	88.3	91.6	94.0	94.2	95.9	96.3	96.6	97.7	98.5	99.5	99.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26202
STATION

AGUEEN WELLS NAT DPT APT
STATION NAME

57-66
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	53.2	56.3	57.7	58.7	59.2	59.3	59.8	59.8	59.8	60.2	60.3	60.3	60.6	60.6	60.6	60.6
≥ 20000	54.6	57.8	59.2	60.3	60.8	60.9	61.3	61.3	61.3	61.7	61.8	61.8	62.2	62.2	62.2	62.2
IV 18000	54.7	57.9	59.3	60.4	60.9	61.0	61.5	61.5	61.5	61.8	61.9	61.9	62.3	62.3	62.3	62.3
IV 16000	54.8	58.0	59.5	60.5	61.0	61.1	61.6	61.6	61.6	61.9	62.1	62.1	62.4	62.4	62.4	62.4
IV 14000	55.7	58.9	60.3	61.3	61.8	61.9	62.4	62.4	62.4	62.8	62.9	62.9	63.2	63.2	63.2	63.2
IV 12000	57.6	60.9	62.3	63.4	63.8	63.9	64.4	64.4	64.4	64.8	64.9	64.9	65.2	65.2	65.2	65.2
IV 10000	61.0	64.9	66.4	67.7	68.2	68.3	68.8	68.8	68.8	69.1	69.3	69.3	69.6	69.6	69.6	69.6
IV 9000	62.8	66.8	68.6	70.1	70.9	71.2	71.6	71.6	71.6	72.0	72.1	72.1	72.5	72.5	72.5	72.5
IV 8000	64.3	68.6	70.7	72.3	73.4	73.8	74.3	74.3	74.3	74.7	74.8	74.8	75.2	75.2	75.2	75.2
IV 7000	66.8	72.0	74.5	76.6	78.1	78.5	79.1	79.1	79.1	79.4	79.6	79.6	79.9	79.9	79.9	79.9
IV 6000	67.0	72.3	74.9	77.1	79.0	79.3	79.9	79.9	79.9	80.3	80.4	80.4	80.7	80.7	80.7	80.7
IV 5000	68.6	74.1	77.0	79.3	81.6	81.9	82.7	82.7	82.7	83.1	83.2	83.2	83.6	83.6	83.6	83.6
IV 4500	68.7	74.3	77.3	79.9	82.3	82.6	83.6	83.6	83.6	83.9	84.0	84.0	84.4	84.4	84.4	84.4
IV 4000	69.6	75.7	78.7	81.3	84.5	84.9	86.1	86.1	86.1	86.4	86.5	86.5	86.9	86.9	86.9	86.9
IV 3500	70.3	76.4	79.6	82.2	85.6	86.4	87.6	87.6	87.6	87.9	88.1	88.1	88.4	88.4	88.4	88.4
IV 3000	70.4	77.1	80.5	83.6	87.9	89.0	90.3	90.4	90.4	90.8	90.9	90.9	91.4	91.4	91.4	91.4
IV 2500	71.3	78.1	81.7	84.8	89.8	91.3	92.6	92.7	92.7	93.0	93.1	93.1	93.9	93.9	93.9	93.9
IV 2000	72.3	79.2	82.9	86.1	91.6	93.0	94.6	94.8	94.8	95.2	95.3	95.3	96.0	96.0	96.0	96.0
IV 1800	72.3	79.3	83.0	86.2	91.7	93.1	94.7	94.9	94.9	95.3	95.4	95.4	96.1	96.1	96.1	96.1
IV 1500	72.7	79.7	83.3	86.6	92.2	93.6	95.4	95.7	95.7	96.1	96.2	96.2	97.2	97.2	97.2	97.2
IV 1200	73.3	80.7	84.4	87.7	93.3	94.7	96.5	96.9	96.9	97.3	97.4	97.4	98.3	98.3	98.3	98.3
IV 1000	74.1	81.6	85.2	88.5	94.1	95.5	97.3	97.9	97.9	98.2	98.3	98.3	99.3	99.3	99.3	99.3
IV 900	74.1	81.6	85.2	88.5	94.3	95.7	97.3	98.1	98.1	98.5	98.6	98.6	99.3	99.3	99.3	99.3
IV 800	74.1	81.6	85.2	88.5	94.3	95.7	97.3	98.1	98.1	98.5	98.6	98.6	99.3	99.3	99.3	99.3
IV 700	74.2	81.7	85.3	88.7	94.4	95.9	97.6	98.2	98.2	98.6	98.7	98.7	99.6	99.6	99.6	99.6
IV 600	74.2	81.7	85.3	88.7	94.4	95.9	97.6	98.2	98.2	98.6	98.7	98.7	99.6	99.6	99.6	99.6
IV 500	74.2	81.7	85.3	88.7	94.4	95.9	97.6	98.2	98.2	98.6	98.7	98.7	99.6	99.6	99.6	99.6
IV 400	74.2	81.7	85.3	88.7	94.4	95.9	97.6	98.2	98.2	98.6	98.7	98.7	99.6	99.6	99.6	99.6
IV 300	74.2	81.7	85.3	88.7	94.4	95.9	97.6	98.2	98.2	98.6	98.7	98.7	99.6	99.6	99.6	99.6
IV 200	74.2	81.7	85.3	88.7	94.4	95.9	97.6	98.2	98.2	98.6	98.7	98.7	99.6	99.6	99.6	99.6
IV 100	74.2	81.7	85.3	88.7	94.4	95.9	97.6	98.2	98.2	98.6	98.7	98.7	99.6	99.6	99.6	99.6
IV 0	74.2	81.7	85.3	88.7	94.4	95.9	97.6	98.2	98.2	98.6	98.7	98.7	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

346

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

20202
STATION

UPPER WELLS NAT PORT APT
STATION NAME

57-66
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.3	51.4	52.8	53.7	54.7	54.8	55.0	55.7	55.7	56.0	56.0	56.3	56.6	56.6	56.6	56.6
≥ 20000	49.9	53.0	54.4	55.4	56.3	56.4	57.1	57.2	57.2	57.6	57.6	57.8	58.2	58.2	58.2	58.2
≥ 18000	50.0	53.1	54.5	55.6	56.4	56.5	57.2	57.3	57.3	57.7	57.7	57.9	58.3	58.3	58.3	58.3
≥ 16000	50.0	53.1	54.5	55.6	56.4	56.5	57.2	57.3	57.3	57.7	57.7	57.9	58.3	58.3	58.3	58.3
≥ 14000	50.3	53.5	55.0	56.0	56.9	57.0	57.7	57.8	57.8	58.2	58.2	58.4	58.7	58.7	58.7	58.7
≥ 12000	53.4	56.5	57.9	59.0	59.8	59.9	60.0	60.8	60.8	61.1	61.1	61.3	61.7	61.7	61.7	61.7
≥ 10000	57.6	61.2	62.8	63.8	64.7	64.9	65.6	65.7	65.7	66.1	66.1	66.3	66.7	66.7	66.7	66.7
≥ 9000	59.0	62.6	64.3	65.6	66.9	67.3	68.0	68.1	68.1	68.4	68.4	68.7	69.0	69.0	69.0	69.0
≥ 8000	61.0	65.1	66.9	68.7	70.6	71.2	71.9	72.0	72.0	72.3	72.3	72.5	72.9	72.9	72.9	72.9
≥ 7000	63.1	69.0	70.9	73.0	75.5	76.1	76.8	77.0	77.0	77.3	77.3	77.5	77.9	77.9	77.9	77.9
≥ 6000	63.6	70.0	72.0	74.1	76.7	77.3	78.0	78.1	78.1	78.5	78.5	78.7	79.1	79.1	79.1	79.1
≥ 5000	66.0	72.2	74.7	77.0	80.0	80.6	81.4	81.6	81.6	81.9	81.9	82.2	82.5	82.5	82.5	82.5
≥ 4500	66.4	72.7	75.2	77.4	81.0	81.6	82.4	82.5	82.5	82.9	82.9	83.1	83.5	83.5	83.5	83.5
≥ 4000	67.6	74.1	76.7	79.1	83.2	83.9	85.0	85.1	85.1	85.6	85.6	85.8	86.2	86.2	86.2	86.2
≥ 3500	68.4	75.1	77.9	80.4	85.1	86.1	87.1	87.2	87.2	87.7	87.7	87.9	88.4	88.4	88.4	88.4
≥ 3000	69.0	75.7	78.5	81.6	87.1	88.3	89.5	89.7	89.7	90.2	90.2	90.4	91.1	91.1	91.1	91.1
≥ 2500	70.1	77.0	79.8	83.0	89.2	90.3	91.7	92.1	92.1	92.7	92.7	92.9	93.6	93.6	93.6	93.6
≥ 2000	70.4	77.4	80.3	83.7	90.2	91.6	93.4	93.9	93.9	94.4	94.4	94.7	95.4	95.4	95.4	95.4
≥ 1800	70.8	77.9	80.7	84.2	90.7	92.1	94.0	94.6	94.6	95.2	95.2	95.4	96.2	96.2	96.2	96.2
≥ 1500	70.9	78.3	81.1	84.9	91.4	92.8	94.7	95.5	95.5	96.3	96.3	96.6	97.4	97.4	97.4	97.4
≥ 1200	71.5	79.2	82.0	85.8	92.3	93.7	95.6	96.3	96.3	97.3	97.3	97.5	98.3	98.3	98.3	98.3
≥ 1000	71.5	79.3	82.2	85.9	92.4	94.0	95.9	97.0	97.0	97.9	97.9	98.1	98.9	98.9	98.9	98.9
≥ 900	71.6	79.4	82.3	86.1	92.6	94.1	96.0	97.2	97.2	98.0	98.0	98.2	99.1	99.1	99.1	99.1
≥ 800	71.9	79.8	82.6	86.4	92.9	94.4	96.3	97.3	97.3	98.3	98.3	98.6	99.4	99.4	99.4	99.4
≥ 700	71.9	79.8	82.6	86.4	92.9	94.4	96.3	97.3	97.3	98.3	98.3	98.6	99.4	99.4	99.4	99.4
≥ 600	72.0	79.9	82.7	86.5	93.0	94.6	96.5	97.6	97.6	98.5	98.5	98.7	99.5	99.5	99.5	99.5
≥ 500	72.0	80.0	82.9	86.6	93.1	94.7	96.6	97.8	97.8	98.6	98.6	98.8	99.6	99.6	99.6	99.6
≥ 400	72.0	80.0	82.9	86.6	93.1	94.7	96.6	97.8	97.8	98.6	98.6	98.8	99.6	99.6	99.6	99.6
≥ 300	72.0	80.0	82.9	86.6	93.1	94.7	96.6	97.8	97.8	98.6	98.6	98.8	99.6	99.6	99.6	99.6
≥ 200	72.0	80.0	82.9	86.6	93.1	94.7	96.6	97.8	97.8	98.6	98.6	98.8	100.0	100.0	100.0	100.0
≥ 100	72.0	80.0	82.9	86.6	93.1	94.7	96.6	97.8	97.8	98.6	98.6	98.8	100.0	100.0	100.0	100.0
≥ 0	72.0	80.0	82.9	86.6	93.1	94.7	96.6	97.8	97.8	98.6	98.6	98.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

946

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR -EAT ER SERVICE/AC

CEILING VERSUS VISIBILITY

26202 STATION NUMBER WELLS HAT DIST APT
STATION NAME

57-66 YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	41.4	44.3	43.2	46.6	47.9	47.9	48.2	48.5	48.5	48.7	48.9	49.1	49.6	49.8	49.8	49.8
≥ 20000	42.6	45.5	46.3	47.8	49.2	49.2	49.5	49.8	49.8	50.0	50.2	50.4	50.9	51.1	51.1	51.1
IV 18000	42.6	45.5	46.3	47.8	49.2	49.2	49.5	49.8	49.8	50.0	50.2	50.4	50.9	51.1	51.1	51.1
IV 16000	42.6	45.5	46.3	47.8	49.2	49.2	49.5	49.8	49.8	50.0	50.2	50.4	50.9	51.1	51.1	51.1
IV 14000	43.9	46.8	47.6	49.1	50.5	50.5	50.8	51.1	51.1	51.3	51.5	51.7	52.2	52.4	52.4	52.4
IV 12000	45.0	48.1	49.1	50.5	51.9	51.9	52.2	52.5	52.5	52.7	53.0	53.1	53.7	53.8	53.8	53.8
IV 10000	49.5	53.8	54.8	56.9	58.5	58.5	58.9	59.1	59.1	59.3	59.6	59.7	60.3	60.4	60.4	60.4
IV 9000	51.7	56.6	57.8	59.8	61.6	61.7	62.1	62.3	62.3	62.5	62.8	62.9	63.5	63.6	63.6	63.6
IV 8000	55.0	61.5	62.9	64.9	66.4	66.9	67.5	67.7	67.7	68.0	68.2	68.3	68.9	69.0	69.0	69.0
IV 7000	57.7	65.1	67.0	69.4	71.5	71.7	72.3	72.6	72.6	72.8	73.0	73.2	73.8	73.9	73.9	73.9
IV 6000	59.0	66.8	68.7	71.0	73.2	73.4	74.0	74.2	74.2	74.5	74.7	74.9	75.4	75.5	75.5	75.5
IV 5000	60.9	69.7	72.0	74.5	76.8	77.2	77.8	78.0	78.0	78.3	78.5	78.6	79.2	79.3	79.3	79.3
IV 4500	61.9	70.8	73.0	75.5	77.9	78.3	78.8	79.2	79.2	79.4	79.6	79.9	80.5	80.6	80.6	80.6
IV 4000	63.0	72.3	74.8	77.4	80.5	81.1	81.7	82.0	82.0	82.6	83.1	83.2	83.8	83.9	83.9	83.9
IV 3500	64.3	73.6	76.4	79.3	82.5	83.2	83.9	84.3	84.3	85.1	85.6	85.7	86.4	86.5	86.5	86.5
IV 3000	64.9	74.8	77.8	81.0	84.9	85.6	86.5	87.1	87.1	87.9	88.4	88.5	89.4	89.5	89.5	89.5
IV 2500	65.8	76.0	79.0	82.7	87.5	88.2	89.1	90.0	90.0	90.8	91.4	91.5	92.3	92.4	92.4	92.4
IV 2000	66.3	76.8	79.9	83.9	88.7	89.6	90.9	92.0	92.1	93.0	93.6	93.7	94.6	94.7	94.7	94.7
IV 1800	66.5	77.2	80.3	84.5	89.2	90.2	91.6	92.8	92.9	93.9	94.4	94.6	95.4	95.5	95.5	95.5
IV 1500	66.9	77.5	80.7	85.1	90.0	90.9	92.3	93.5	93.6	94.9	95.5	95.6	96.5	96.6	96.6	96.6
IV 1200	66.9	77.9	81.1	85.5	90.3	91.3	92.7	94.0	94.1	95.4	96.0	96.1	96.9	97.0	97.0	97.0
IV 1000	67.4	78.6	81.8	86.2	91.0	92.1	93.6	95.0	95.2	96.5	97.2	97.3	98.1	98.2	98.2	98.2
IV 900	67.4	78.7	81.9	86.3	91.1	92.2	93.7	95.3	95.4	96.7	97.4	97.5	98.3	98.5	98.5	98.5
IV 800	67.5	78.8	82.0	86.4	91.3	92.3	93.9	95.4	95.5	96.9	97.6	97.8	98.6	98.7	98.7	98.7
IV 700	68.1	79.4	82.6	87.0	91.6	92.9	94.4	96.0	96.1	97.5	98.2	98.3	99.2	99.3	99.3	99.3
IV 600	68.2	79.6	82.7	87.1	92.0	93.0	94.7	96.2	96.3	97.8	98.5	98.6	99.4	99.5	99.5	99.5
IV 500	68.2	79.6	82.7	87.1	92.0	93.0	94.8	96.3	96.5	97.9	98.6	98.7	99.6	99.8	99.8	99.8
IV 400	68.2	79.6	82.7	87.1	92.0	93.0	94.8	96.3	96.5	97.9	98.6	98.7	99.6	99.8	99.8	99.8
IV 300	68.2	79.6	82.7	87.1	92.0	93.0	94.8	96.3	96.5	97.9	98.6	98.7	99.6	99.8	99.8	99.8
IV 200	68.2	79.6	82.7	87.1	92.0	93.0	94.8	96.3	96.5	97.9	98.6	98.7	99.6	99.8	99.8	99.8
IV 100	68.2	79.6	82.7	87.1	92.0	93.0	94.8	96.3	96.5	97.9	98.6	98.7	99.6	99.8	99.8	99.8
IV 0	68.2	79.6	82.7	87.1	92.0	93.0	94.8	96.3	96.5	97.9	98.6	98.7	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

20202. NORMAN WELLS INST ANT APT
STATION STATION NAME

57-66

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS UTC

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.7	40.4	40.2	40.3	42.4	42.4	42.6	42.8	42.8	44.8	44.9	45.0	46.0	46.0	46.1	46.1
≥ 20000	40.0	44.3	45.3	45.9	48.0	48.1	48.6	48.6	48.6	50.6	50.7	50.8	52.0	52.0	52.1	52.1
≥ 18000	40.1	44.4	45.4	46.0	48.1	48.2	48.7	48.7	48.7	50.7	50.8	50.9	52.1	52.1	52.2	52.2
IV 16000	40.1	44.4	45.4	46.0	48.1	48.2	48.7	48.7	48.7	50.7	50.8	50.9	52.1	52.1	52.2	52.2
≥ 14000	41.4	45.7	46.7	47.3	49.4	49.5	50.0	50.0	50.0	52.0	52.1	52.2	53.4	53.4	53.5	53.5
IV 12000	42.9	47.4	48.5	49.3	51.5	51.7	52.1	52.1	52.1	54.1	54.3	54.4	55.6	55.6	55.7	55.7
≥ 10000	46.6	52.0	53.2	54.3	56.5	56.6	57.1	57.1	57.1	59.2	59.3	59.5	60.6	60.6	60.8	60.8
IV 9000	48.6	54.0	55.4	56.5	58.9	59.0	59.6	59.8	59.8	61.9	62.1	62.2	63.4	63.4	63.5	63.5
≥ 8000	52.5	58.4	60.2	61.3	63.9	64.1	64.9	65.0	65.0	67.4	67.5	67.6	68.8	68.8	68.9	68.9
IV 7000	54.8	62.2	64.3	65.8	68.7	68.9	70.0	70.3	70.3	72.8	72.9	73.0	74.2	74.2	74.3	74.3
≥ 6000	55.7	63.6	66.0	67.5	70.6	70.7	71.7	72.1	72.1	74.6	74.7	74.8	76.0	76.0	76.1	76.1
IV 5000	56.9	65.1	67.6	69.1	72.1	72.3	73.5	73.9	73.9	76.4	76.5	76.6	77.8	77.8	77.9	77.9
≥ 4500	57.8	66.1	68.6	70.1	73.0	73.3	74.5	75.1	75.1	77.5	77.7	77.8	79.0	79.0	79.1	79.1
IV 4000	58.5	66.9	69.5	71.3	74.3	74.6	75.9	76.7	76.7	79.3	79.4	79.6	80.7	80.7	81.1	81.1
≥ 3500	59.2	67.7	70.4	72.5	75.5	75.9	77.2	78.1	78.1	81.0	81.1	81.2	82.4	82.4	82.9	82.9
IV 3000	59.8	69.3	72.1	74.6	78.7	79.2	80.7	81.7	81.7	84.9	85.0	85.1	86.6	86.6	87.1	87.1
≥ 2500	60.8	70.7	73.6	76.4	80.7	81.2	83.2	84.4	84.4	87.9	88.1	88.2	89.7	89.7	90.2	90.2
IV 2000	61.5	72.0	75.1	77.9	82.0	83.2	85.5	86.8	86.8	90.7	90.9	91.0	92.7	92.7	93.1	93.1
≥ 1800	61.6	72.1	75.2	78.0	82.7	83.5	85.7	87.0	87.0	90.9	91.1	91.4	93.0	93.0	93.5	93.5
IV 1500	61.9	72.5	76.0	79.1	83.9	84.9	87.2	88.9	88.9	92.9	93.1	93.5	95.2	95.2	95.6	95.6
≥ 1200	62.1	73.2	76.4	79.7	84.6	85.8	88.4	90.4	90.5	94.6	94.8	95.2	96.8	96.8	97.3	97.3
IV 1000	62.1	73.2	76.4	79.7	84.9	86.1	88.7	90.7	90.8	95.0	95.4	95.7	97.5	97.5	98.0	98.0
≥ 900	62.3	73.5	76.7	80.1	85.3	86.5	89.1	91.1	91.3	95.5	95.9	96.2	98.0	98.0	98.5	98.5
IV 800	62.3	74.0	77.2	80.7	85.9	87.1	89.7	91.7	91.8	96.1	96.5	96.8	98.6	98.6	99.1	99.1
≥ 700	62.3	74.0	77.2	80.7	85.9	87.1	89.7	91.7	91.8	96.2	96.6	96.9	98.7	98.7	99.2	99.2
IV 600	62.3	74.0	77.4	81.0	86.2	87.4	90.0	92.0	92.1	96.6	96.9	97.3	99.1	99.1	99.5	99.5
≥ 500	62.3	74.0	77.4	81.0	86.2	87.4	90.0	92.0	92.1	96.6	96.9	97.3	99.1	99.1	99.5	99.5
IV 400	62.3	74.1	77.5	81.1	86.3	87.5	90.1	92.1	92.2	96.7	97.0	97.4	99.3	99.3	99.8	99.8
≥ 300	62.3	74.1	77.5	81.1	86.3	87.5	90.1	92.1	92.2	96.7	97.0	97.4	99.4	99.4	99.9	99.9
IV 200	62.3	74.1	77.5	81.1	86.3	87.5	90.1	92.1	92.2	96.7	97.0	97.4	99.4	99.4	99.9	99.9
≥ 100	62.3	74.1	77.5	81.1	86.3	87.5	90.1	92.1	92.2	96.7	97.0	97.4	99.4	99.4	99.9	99.9
IV 0	62.3	74.1	77.5	81.1	86.3	87.5	90.1	92.1	92.2	96.7	97.0	97.4	99.4	99.4	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

844

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AL

CEILING VERSUS VISIBILITY

26202
STATION

DUKE WELLS UNIT UNIT APT
STATION NAME

57-66
YEARS

YEARS

1 FB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	42.2	43.9	47.2	48.6	49.3	49.9	50.1	50.2	51.8	51.9	52.7	52.4	52.4	52.5	52.5	
≥ 20000	47.9	52.2	53.7	55.2	56.4	56.9	57.4	57.6	57.6	59.2	59.3	59.7	59.7	59.8	59.8	
IV 18000	48.1	52.5	53.9	55.4	56.6	57.1	57.7	57.8	57.8	59.3	59.5	59.6	59.9	59.9	60.0	60.0
IV 16000	48.2	52.6	54.0	55.7	57.0	57.4	58.0	58.2	58.2	59.7	59.8	59.9	60.3	60.3	60.4	60.4
IV 14000	49.1	53.7	55.2	56.9	58.2	58.6	59.2	59.3	59.3	60.9	61.0	61.1	61.5	61.5	61.6	61.6
IV 12000	51.2	55.9	57.6	59.2	60.5	61.1	61.7	61.9	61.9	63.5	63.6	63.7	64.1	64.1	64.2	64.2
IV 10000	53.4	60.8	62.5	64.4	66.0	66.5	67.1	67.4	67.4	69.1	69.3	69.4	69.7	69.7	69.9	69.9
IV 9000	57.8	63.5	65.2	67.1	68.6	69.4	70.0	70.2	70.3	72.2	72.3	72.3	72.8	72.8	73.2	73.2
IV 8000	60.8	66.9	68.7	70.6	72.5	73.0	73.8	74.0	74.2	76.2	76.4	76.5	76.8	76.8	77.2	77.2
IV 7000	62.3	69.0	71.0	73.4	75.9	76.5	77.2	77.4	77.7	79.8	79.9	80.0	80.4	80.4	80.7	80.7
IV 6000	62.5	69.5	71.5	74.3	76.7	77.4	78.1	78.4	78.6	80.7	80.9	81.0	81.3	81.3	81.7	81.7
IV 5000	63.2	70.8	72.2	76.2	78.9	79.3	80.1	80.4	80.6	82.9	83.0	83.1	83.5	83.5	83.8	83.8
IV 4500	63.4	71.2	73.8	77.1	79.4	80.1	81.0	81.2	81.4	83.8	83.9	84.0	84.4	84.4	84.8	84.8
IV 4000	63.8	72.0	74.7	78.0	80.6	81.3	82.4	82.6	82.9	85.2	85.3	85.5	85.9	85.9	86.3	86.3
IV 3500	63.9	72.2	74.9	78.3	81.1	81.8	83.0	83.3	83.7	86.1	86.2	86.3	86.8	86.8	87.1	87.1
IV 3000	64.3	72.8	75.7	79.2	82.2	83.3	84.6	85.1	85.5	88.1	88.2	88.3	88.9	88.9	89.2	89.2
IV 2500	64.7	73.4	76.4	80.1	83.3	84.5	85.8	86.4	86.8	89.4	89.5	89.6	90.2	90.2	90.5	90.5
IV 2000	65.0	74.1	77.1	80.9	84.5	85.7	87.5	88.4	88.9	91.6	92.0	92.1	93.1	93.1	93.5	93.5
IV 1800	65.1	74.2	77.2	81.1	84.8	85.9	87.7	88.7	89.2	92.1	92.4	92.6	93.7	93.7	94.1	94.1
IV 1500	65.5	74.7	77.9	81.8	85.5	86.6	88.7	89.8	90.4	93.5	93.9	94.0	95.2	95.2	95.5	95.5
IV 1200	65.6	74.9	78.3	82.3	86.2	87.4	89.6	90.8	91.5	94.6	94.9	95.0	96.2	96.2	96.6	96.6
IV 1000	65.7	75.1	78.4	82.5	86.4	87.6	90.0	91.3	92.0	95.4	96.1	96.2	97.5	97.5	97.9	97.9
IV 900	65.7	75.1	78.4	82.6	86.6	87.9	90.3	91.7	92.4	95.9	96.6	96.7	98.0	98.0	98.3	98.3
IV 800	65.7	75.1	78.4	82.6	86.8	88.1	90.4	91.9	92.6	96.1	96.8	96.9	98.2	98.2	98.6	98.6
IV 700	65.7	75.1	78.4	82.6	87.0	88.3	90.9	92.3	93.0	96.6	97.3	97.4	98.3	98.3	98.7	98.7
IV 600	65.7	75.1	78.4	82.6	87.0	88.3	90.9	92.3	93.0	96.6	97.3	97.4	98.3	98.3	98.7	98.7
IV 500	65.7	75.1	78.4	82.6	87.0	88.3	90.9	92.3	93.0	96.6	97.3	97.4	98.3	98.3	98.7	98.7
IV 400	65.7	75.1	78.4	82.6	87.0	88.3	90.9	92.3	93.0	96.6	97.3	97.4	98.3	98.3	98.7	98.7
IV 300	65.7	75.1	78.4	82.6	87.0	88.3	90.9	92.3	93.0	96.6	97.3	97.4	98.3	98.3	98.7	98.7
IV 200	65.7	75.1	78.4	82.6	87.0	88.3	90.9	92.3	93.0	96.6	97.3	97.4	98.3	98.3	98.7	98.7
IV 100	65.7	75.1	78.4	82.6	87.0	88.3	90.9	92.3	93.0	96.6	97.3	97.4	98.3	98.3	98.7	98.7
IV 0	65.7	75.1	78.4	82.6	87.0	88.3	90.9	92.3	93.0	96.6	97.3	97.4	98.3	98.3	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

70202
STATION

WALLS AFB, OKLA
STATION NAME

57-66
YEARS

FEH
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .125	≥ 0
NO CEILING	57.5	50.6	51.4	52.3	53.2	53.2	53.4	53.4	53.4	53.5	53.5	53.5	53.7	53.7	53.7	53.7
≥ 20000	51.8	53.4	56.0	57.4	58.0	58.6	58.5	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.5
≥ 18000	51.8	55.6	56.1	57.7	58.3	58.3	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7
≥ 16000	51.9	55.7	56.3	57.8	58.4	58.4	58.6	58.6	58.6	58.7	58.7	58.7	58.9	58.9	58.9	58.9
≥ 14000	52.8	56.7	57.3	58.9	59.5	59.5	59.7	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9
≥ 12000	54.5	58.5	59.1	60.6	61.2	61.2	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 10000	59.9	64.4	65.1	67.1	68.0	68.1	68.4	68.4	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.7
≥ 9000	62.4	67.8	68.7	71.2	72.2	72.3	72.7	72.8	72.8	73.0	73.0	73.0	73.3	73.3	73.3	73.3
≥ 8000	65.1	71.9	72.8	75.4	76.7	77.0	77.3	77.5	77.5	77.8	77.8	77.8	78.0	78.0	78.0	78.0
≥ 7000	67.0	74.6	75.4	78.8	80.1	80.4	80.9	81.2	81.2	81.4	81.4	81.4	81.7	81.7	81.7	81.7
≥ 6000	67.4	75.3	76.2	79.3	80.8	80.9	81.3	81.7	81.7	81.9	81.9	81.9	82.2	82.2	82.2	82.2
≥ 5000	68.3	76.4	77.3	80.4	81.7	81.9	82.4	82.7	82.7	83.0	83.0	83.0	83.2	83.2	83.2	83.2
≥ 4500	68.9	77.0	77.9	81.0	82.3	82.5	83.0	83.3	83.3	83.6	83.6	83.6	83.8	83.8	83.8	83.8
≥ 4000	70.1	78.5	79.7	82.9	84.3	84.5	85.0	85.3	85.3	85.6	85.6	85.6	85.8	85.8	85.8	85.8
≥ 3500	70.8	79.8	81.0	84.2	85.6	86.1	86.5	86.9	86.9	87.1	87.1	87.1	87.4	87.4	87.4	87.4
≥ 3000	71.4	80.6	82.2	85.5	87.2	87.7	88.3	88.8	88.8	89.4	89.4	89.4	89.8	89.8	89.8	89.8
≥ 2500	71.6	81.3	83.0	86.6	88.7	89.6	90.3	91.0	91.1	92.0	92.0	92.0	92.6	92.6	92.6	92.6
≥ 2000	72.6	82.7	84.5	88.2	90.3	91.5	92.3	93.0	93.1	94.4	94.4	94.4	95.2	95.2	95.2	95.2
≥ 1800	72.6	82.7	84.5	88.2	90.3	91.5	92.4	93.1	93.3	94.6	94.6	94.6	95.3	95.3	95.3	95.3
≥ 1500	72.6	83.1	84.9	88.5	91.0	92.2	93.4	94.2	94.3	96.1	96.2	96.2	96.9	96.9	96.9	96.9
≥ 1200	72.8	83.3	85.1	89.0	91.3	92.4	93.6	94.4	94.6	96.3	96.5	96.5	97.2	97.2	97.2	97.2
≥ 1000	72.8	83.3	85.1	89.0	91.3	92.4	93.7	94.6	94.7	96.5	96.8	96.8	97.8	97.8	97.8	97.8
≥ 900	72.8	83.3	85.1	89.0	91.3	92.4	94.0	94.9	95.0	96.8	97.2	97.2	98.1	98.1	98.1	98.1
≥ 800	72.8	83.3	85.2	89.1	91.4	92.6	94.2	95.3	95.4	97.5	98.0	98.0	98.9	98.9	98.9	98.9
≥ 700	72.8	83.5	85.2	89.1	91.5	92.7	94.3	95.4	95.5	97.8	98.3	98.3	99.4	99.4	99.4	99.4
≥ 600	72.8	83.5	85.2	89.1	91.5	92.7	94.3	95.4	95.5	97.9	98.6	98.7	99.6	99.6	99.6	99.6
≥ 500	72.8	83.5	85.2	89.1	91.5	92.7	94.3	95.4	95.5	97.9	98.7	98.8	99.8	99.8	99.8	99.8
≥ 400	72.8	83.5	85.2	89.1	91.5	92.7	94.3	95.4	95.5	97.9	98.7	98.8	99.9	99.9	99.9	99.9
≥ 300	72.8	83.5	85.2	89.1	91.5	92.7	94.3	95.4	95.5	97.9	98.7	98.8	99.9	99.9	99.9	99.9
≥ 200	72.8	83.5	85.2	89.1	91.5	92.7	94.3	95.4	95.5	97.9	98.7	98.8	99.9	99.9	99.9	99.9
≥ 100	72.8	83.5	85.2	89.1	91.5	92.7	94.3	95.4	95.5	97.9	98.7	98.8	99.9	99.9	99.9	99.9
≥ 0	72.8	83.5	85.2	89.1	91.5	92.7	94.3	95.4	95.5	97.9	98.7	98.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC

FORM
JUL 54

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

75202
STATION

WELLS NET APT
STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-00-2000
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	50.0	53.1	54.0	55.0	55.8	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1
≥ 18000	53.1	55.4	56.4	57.3	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9
IV 16000	53.2	55.6	56.3	57.4	58.6	58.6	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	59.0
IV 14000	54.3	56.6	57.7	58.6	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.2
IV 12000	55.8	58.2	59.2	60.2	61.3	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.7
IV 10000	59.5	62.5	64.5	65.8	67.0	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5
IV 9000	61.6	65.1	67.1	68.7	70.1	70.2	70.3	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.8
IV 8000	64.7	68.2	70.4	72.1	73.8	73.9	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6
IV 7000	66.8	71.9	74.1	76.2	78.4	78.6	79.2	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.7
IV 6000	67.0	72.2	74.5	76.6	78.7	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0
IV 5000	67.8	73.8	76.1	78.4	80.5	80.7	81.4	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9
IV 4500	68.4	74.6	77.0	79.2	81.3	81.6	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7
IV 4000	69.0	75.8	78.3	80.5	82.7	83.0	83.8	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.4
IV 3500	70.0	77.1	80.0	82.3	84.5	84.9	85.8	86.2	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.5
IV 3000	70.6	78.0	81.3	83.7	86.2	86.8	87.9	88.4	88.4	88.9	89.1	89.1	89.2	89.2	89.2	89.4
IV 2500	70.9	78.5	81.8	84.2	86.8	87.4	89.2	90.0	90.0	90.5	90.8	90.8	90.8	91.1	91.1	91.3
IV 2000	72.0	79.9	83.2	85.7	88.4	89.2	91.6	92.6	92.6	93.3	93.5	93.5	93.9	93.9	93.9	94.0
IV 1800	72.1	80.0	83.5	85.7	88.7	89.5	92.0	92.9	92.9	93.6	93.9	93.9	94.2	94.2	94.2	94.3
IV 1500	72.3	82.3	83.8	86.5	89.5	90.3	92.9	94.0	94.0	95.0	95.6	95.6	96.2	96.2	96.2	96.3
IV 1200	72.7	86.6	84.2	86.9	89.8	90.7	93.4	94.4	94.4	96.0	96.6	96.6	97.2	97.2	97.2	97.3
IV 1000	72.9	80.9	84.4	87.1	90.2	91.0	94.3	95.4	95.4	97.4	98.0	98.0	98.6	98.6	98.6	98.7
IV 900	72.9	80.9	84.4	87.1	90.2	91.1	94.4	95.5	95.5	97.5	98.1	98.1	98.7	98.7	98.7	98.8
IV 800	72.9	81.0	84.5	87.4	90.4	91.4	94.9	96.0	96.0	98.3	98.9	98.9	99.5	99.5	99.5	99.6
IV 700	72.9	81.1	84.6	87.5	90.5	91.5	95.0	96.1	96.1	98.6	99.2	99.2	99.8	99.8	99.8	99.9
IV 600	72.9	81.1	84.6	87.5	90.5	91.5	95.0	96.1	96.1	98.6	99.2	99.2	99.8	99.8	99.8	99.9
IV 500	72.9	81.1	84.6	87.5	90.5	91.5	95.0	96.1	96.1	98.6	99.2	99.2	99.9	99.9	99.9	100.0
IV 400	72.9	81.1	84.6	87.5	90.5	91.5	95.0	96.1	96.1	98.6	99.2	99.2	99.9	99.9	99.9	100.0
IV 300	72.9	81.1	84.6	87.5	90.5	91.5	95.0	96.1	96.1	98.6	99.2	99.2	99.9	99.9	99.9	100.0
IV 200	72.9	81.1	84.6	87.5	90.5	91.5	95.0	96.1	96.1	98.6	99.2	99.2	99.9	99.9	99.9	100.0
IV 100	72.9	81.1	84.6	87.5	90.5	91.5	95.0	96.1	96.1	98.6	99.2	99.2	99.9	99.9	99.9	100.0
IV 0	72.9	81.1	84.6	87.5	90.5	91.5	95.0	96.1	96.1	98.6	99.2	99.2	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC FORM 331 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

46202

WELLS WENT UNIT APT

57-60

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	52.0	55.0	55.7	57.1	58.3	58.3	58.5	58.5	58.5	59.0	59.6	59.6	60.0	60.0	60.0	60.0
IV 18000	52.5	56.6	57.3	58.7	60.2	60.2	60.4	60.4	60.4	60.7	61.5	61.5	61.9	61.9	61.9	61.9
IV 16000	53.5	56.6	57.3	58.7	60.2	60.2	60.4	60.4	60.4	60.9	61.5	61.5	61.9	61.9	61.9	61.9
IV 14000	54.5	57.7	58.4	59.8	61.2	61.2	61.5	61.5	61.5	61.9	62.5	62.5	63.0	63.0	63.0	63.0
IV 12000	57.0	60.3	61.1	62.5	64.1	64.1	64.3	64.3	64.3	64.8	65.4	65.4	65.8	65.8	65.8	65.8
IV 10000	59.2	63.4	63.0	67.1	68.7	68.7	68.9	68.9	68.9	69.4	70.0	70.0	70.4	70.4	70.4	70.4
IV 9000	59.7	64.2	66.0	68.4	70.0	70.0	70.2	70.2	70.2	70.7	71.3	71.3	71.7	71.7	71.7	71.7
IV 8000	61.7	66.7	66.6	71.2	73.2	73.4	73.6	73.6	73.6	74.1	74.7	74.7	75.2	75.2	75.2	75.2
IV 7000	63.1	69.6	72.0	74.8	77.0	78.1	78.5	78.5	78.5	79.0	79.6	79.6	80.0	80.0	80.0	80.0
IV 6000	63.8	70.4	72.8	75.9	79.1	79.4	79.8	79.8	79.8	80.3	80.9	80.9	81.3	81.3	81.3	81.3
IV 5000	64.8	71.4	74.1	77.3	81.2	81.6	82.3	82.3	82.3	82.7	83.3	83.3	83.8	83.8	83.8	83.8
IV 4500	65.1	71.9	74.7	77.9	81.9	82.3	83.1	83.1	83.1	83.6	84.2	84.2	84.6	84.6	84.6	84.6
IV 4000	66.2	73.0	76.0	79.2	83.2	83.6	84.5	84.5	84.5	85.0	85.6	85.6	86.1	86.1	86.1	86.1
IV 3500	66.9	74.1	77.2	80.4	84.4	85.0	86.1	86.2	86.2	86.6	87.2	87.2	87.7	87.7	87.7	87.7
IV 3000	67.7	75.2	78.3	81.6	85.8	86.4	87.6	87.7	87.7	88.4	89.0	89.0	89.5	89.5	89.5	89.5
IV 2500	68.3	75.8	78.8	82.4	87.1	87.7	89.1	89.4	89.4	90.2	90.8	90.8	91.4	91.4	91.4	91.4
IV 2000	69.3	77.0	80.1	83.7	88.9	89.7	92.0	92.3	92.3	93.1	93.9	93.9	94.8	94.8	94.8	94.8
IV 1800	69.4	77.1	80.3	83.8	89.1	90.0	92.3	92.7	92.7	93.6	94.3	94.3	95.3	95.3	95.3	95.3
IV 1500	69.7	77.7	80.9	84.4	90.1	90.9	93.7	94.2	94.2	95.2	95.9	95.9	97.2	97.2	97.2	97.2
IV 1200	70.4	78.6	82.0	85.8	91.4	92.2	95.3	95.9	96.0	96.9	97.6	97.6	99.1	99.1	99.1	99.1
IV 1000	70.4	78.6	82.0	85.8	91.6	92.6	95.6	96.2	96.3	97.4	98.1	98.1	99.6	99.6	99.6	99.6
IV 900	70.4	78.6	82.0	85.8	91.6	92.6	95.6	96.2	96.3	97.4	98.1	98.1	99.6	99.6	99.6	99.6
IV 800	70.4	78.6	82.0	85.8	91.6	92.6	95.6	96.2	96.3	97.4	98.1	98.1	99.6	99.6	99.6	99.6
IV 700	70.4	78.6	82.0	85.8	91.6	92.6	95.6	96.2	96.3	97.4	98.1	98.1	99.6	99.6	99.6	99.6
IV 600	70.4	78.6	82.0	85.8	91.6	92.6	95.6	96.2	96.3	97.4	98.1	98.1	99.6	99.6	99.6	99.6
IV 500	70.4	78.6	82.0	85.8	91.6	92.6	95.6	96.2	96.3	97.4	98.1	98.1	99.6	99.6	99.6	99.6
IV 400	70.4	78.6	82.0	85.8	91.6	92.6	95.6	96.2	96.3	97.4	98.1	98.1	99.6	99.6	99.6	99.6
IV 300	70.4	78.6	82.0	85.8	91.6	92.6	95.6	96.2	96.3	97.4	98.1	98.1	99.6	99.6	99.6	99.6
IV 200	70.4	78.6	82.0	85.8	91.6	92.6	95.6	96.2	96.3	97.4	98.1	98.1	99.6	99.6	99.6	99.6
IV 100	70.4	78.6	82.0	85.8	91.6	92.6	95.6	96.2	96.3	97.4	98.1	98.1	99.6	99.6	99.6	99.6
IV 0	70.4	78.6	82.0	85.8	91.6	92.6	95.6	96.2	96.3	97.4	98.1	98.1	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

844

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20202
STATION

JOHNSON HILLS NKT DPT APT
STATION NAME

57-66
YEARS

MONTH

AR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS UT

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	69.8	69.7	69.1	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	70.0	70.0	70.0	70.0
≥ 20000	67.2	70.5	71.2	71.6	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.6	72.6	72.6	72.6
≥ 18000	67.2	70.5	71.2	71.6	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.6	72.6	72.6	72.6
≥ 16000	67.2	70.5	71.2	71.6	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.6	72.6	72.6	72.6
≥ 14000	67.6	71.0	71.7	72.2	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	73.1	73.1	73.1	73.1
≥ 12000	68.7	72.7	73.4	74.0	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	75.1	75.1	75.1	75.1
≥ 10000	71.3	75.6	76.7	77.3	78.4	78.4	78.7	78.7	78.7	78.8	78.8	78.8	79.1	79.1	79.1	79.1
≥ 9000	72.5	77.4	78.4	79.0	80.1	80.1	80.4	80.4	80.4	80.5	80.5	80.5	80.9	80.9	80.9	80.9
≥ 8000	74.2	79.8	81.0	82.0	83.1	83.1	83.4	83.4	83.4	83.5	83.5	83.5	83.9	83.9	83.9	83.9
≥ 7000	76.1	81.9	83.2	84.4	85.7	85.7	86.0	86.0	86.0	86.1	86.1	86.1	86.5	86.5	86.5	86.5
≥ 6000	77.3	83.2	84.6	85.8	87.1	87.1	87.4	87.4	87.4	87.5	87.5	87.5	87.8	87.8	87.8	87.8
≥ 5000	78.7	85.3	86.7	88.0	89.6	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.3	90.3	90.3	90.3
≥ 4500	79.1	85.8	87.2	88.5	90.1	90.1	90.4	90.4	90.4	90.5	90.5	90.5	90.9	90.9	90.9	90.9
≥ 4000	79.7	86.5	88.2	89.6	91.3	91.3	91.7	91.7	91.7	91.8	91.8	91.8	92.2	92.2	92.2	92.2
≥ 3500	80.1	87.0	88.7	90.2	91.9	91.9	92.4	92.4	92.4	92.5	92.5	92.5	92.8	92.8	92.8	92.8
≥ 3000	80.8	88.0	89.7	91.3	93.0	93.0	93.7	93.7	93.7	93.8	93.8	93.8	94.1	94.1	94.1	94.1
≥ 2500	81.3	88.5	90.3	92.2	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.8	95.8	95.8	95.8
≥ 2000	81.7	89.0	90.9	92.8	95.8	95.8	96.6	96.6	96.6	96.6	96.6	96.6	97.2	97.2	97.2	97.2
≥ 1800	81.8	89.1	91.1	93.0	96.0	96.1	97.3	97.3	97.3	97.3	97.3	97.3	98.1	98.1	98.1	98.1
≥ 1500	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
≥ 1200	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
≥ 1000	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
≥ 900	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
≥ 800	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
≥ 700	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
≥ 600	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
≥ 500	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
≥ 400	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
≥ 300	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
≥ 200	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
≥ 100	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
≥ 0	82.0	89.7	91.6	93.5	96.8	96.9	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM 1-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAF

CEILING VERSUS VISIBILITY

26232 WILSON FIELD NUTT AFB
STATION

57-60

YEARS

AR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	62.3	63.7	60.0	67.3	67.4	67.4	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8
≥ 20000	63.2	66.9	67.3	68.6	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2
≥ 18000	63.4	67.1	67.5	68.6	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.5	69.5	69.5
≥ 16000	63.5	67.2	67.6	68.9	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6
≥ 14000	63.9	67.5	68.0	69.2	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9
≥ 12000	64.9	69.7	69.1	70.4	70.0	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1
≥ 10000	68.7	73.2	73.8	75.1	75.0	75.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7
≥ 9000	70.1	75.2	75.7	77.3	77.6	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9	78.9	78.9
≥ 8000	72.0	77.7	78.5	80.2	80.8	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9
≥ 7000	73.9	79.9	81.2	82.9	83.5	83.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.7
≥ 6000	74.7	81.1	82.5	84.7	84.8	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0
≥ 5000	76.2	82.9	84.5	86.5	87.1	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3
≥ 4500	78.7	85.8	85.5	87.4	88.1	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.2
≥ 4000	78.3	85.4	87.4	89.6	90.3	90.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5
≥ 3500	78.8	86.0	88.2	90.4	91.3	91.5	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7
≥ 3000	79.2	86.8	89.1	91.9	92.9	93.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4
≥ 2500	80.2	88.1	90.4	93.2	95.4	95.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9
≥ 2000	80.8	88.6	91.2	94.1	96.7	96.9	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2
≥ 1800	80.8	88.6	91.2	94.1	97.0	97.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5
≥ 1500	80.9	88.9	91.6	94.5	97.6	97.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5
≥ 1200	80.9	88.9	91.7	94.7	97.8	98.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
≥ 1000	80.9	88.9	91.8	94.8	98.0	98.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 900	80.9	88.9	91.8	94.8	98.0	98.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 800	80.9	88.9	91.8	94.8	98.0	98.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 700	80.9	88.9	91.8	94.8	98.0	98.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 600	80.9	88.9	91.8	94.8	98.0	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 500	80.9	88.9	91.8	94.8	98.0	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 400	80.9	88.9	91.8	94.8	98.0	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 300	80.9	88.9	91.8	94.8	98.0	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 200	80.9	88.9	91.8	94.8	98.0	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 100	80.9	88.9	91.8	94.8	98.0	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 0	80.9	88.9	91.8	94.8	98.0	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

920

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

26302 NORMAN WELLS HMT DET APT

57-66

YEARS

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.0	55.3	56.8	57.7	58.3	58.4	58.4	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 20000	56.9	59.4	59.8	60.8	61.5	61.6	61.6	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	56.9	59.4	59.8	60.8	61.5	61.6	61.6	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	57.1	59.6	60.0	61.0	61.7	61.8	61.8	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	57.3	59.9	60.3	61.3	62.0	62.2	62.2	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	57.6	60.2	60.6	61.6	62.4	62.5	62.5	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	62.9	66.0	66.8	68.0	68.8	69.1	69.4	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 9000	63.3	69.5	70.3	71.6	72.9	72.9	73.4	73.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 8000	68.7	73.5	74.5	76.0	77.1	77.6	78.5	78.7	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 7000	70.8	76.2	77.5	79.4	80.6	81.2	82.0	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	71.5	77.4	78.7	80.8	82.3	82.8	83.7	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 5000	72.4	78.5	80.2	82.4	84.3	84.9	86.0	86.2	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	72.6	78.8	80.5	82.7	84.8	85.5	86.6	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	74.1	80.5	82.4	84.5	87.1	87.7	88.8	89.0	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	74.4	81.7	83.0	85.2	88.2	88.8	90.0	90.2	90.2	90.6	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	75.1	82.2	84.2	86.5	90.1	90.8	92.2	92.4	92.4	92.8	92.9	92.9	93.0	93.0	93.0	93.0
≥ 2500	75.5	83.4	85.5	88.2	92.3	93.2	94.6	94.8	94.8	95.3	95.4	95.4	95.6	95.6	95.6	95.6
≥ 2000	75.9	83.9	85.9	88.8	93.1	94.1	95.5	95.8	95.9	96.5	96.6	96.6	96.8	96.8	96.8	96.8
≥ 1800	76.0	84.0	86.0	88.9	93.4	94.4	96.0	96.3	96.5	97.0	97.1	97.1	97.3	97.3	97.3	97.3
≥ 1500	76.2	84.2	86.2	89.2	94.3	95.3	97.1	97.4	97.5	98.1	98.2	98.2	98.4	98.4	98.4	98.4
≥ 1200	76.2	84.2	86.2	89.2	94.4	95.4	97.3	97.7	98.0	98.6	98.7	98.7	98.9	98.9	98.9	98.9
≥ 1000	76.2	84.2	86.2	89.2	94.5	95.5	97.5	98.0	98.2	99.0	99.1	99.1	99.4	99.4	99.4	99.4
≥ 900	76.2	84.2	86.2	89.2	94.6	95.6	97.6	98.1	98.3	99.1	99.2	99.2	99.5	99.5	99.5	99.5
≥ 800	76.2	84.2	86.2	89.2	94.7	95.7	98.0	98.4	98.6	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 700	76.2	84.2	86.2	89.2	94.7	95.7	98.0	98.4	98.6	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 600	76.2	84.2	86.2	89.2	94.7	95.7	98.0	98.4	98.6	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 500	76.2	84.2	86.2	89.2	94.8	95.8	98.1	98.5	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	76.2	84.2	86.2	89.2	94.8	95.8	98.1	98.5	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	76.2	84.2	86.2	89.2	94.8	95.8	98.1	98.5	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	76.2	84.2	86.2	89.2	94.8	95.8	98.1	98.5	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	76.2	84.2	86.2	89.2	94.8	95.8	98.1	98.5	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 0	76.2	84.2	86.2	89.2	94.8	95.8	98.1	98.5	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

76202

ALUMINUM WELLS NOT DIST. APT

57-66

YEARS

YEAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.125	≥0
NO CEILING ≥ 20000	55.8 61.5	57.5 64.2	57.8 64.8	58.8 66.0	59.4 66.7	59.4 66.7	59.4 66.9	59.5 67.0	59.5 67.1	59.5 67.1	59.5 67.2	59.5 67.2	59.7 67.2	59.7 67.3	59.7 67.3	59.7 67.4
IV 18000	61.5 64.2	64.2 64.8	64.8 66.0	66.0 66.8	66.7 67.0	66.7 67.0	66.9 67.0	67.0 67.1	67.1 67.1	67.1 67.2	67.2 67.2	67.2 67.2	67.3 67.3	67.3 67.3	67.3 67.3	67.4 67.4
IV 16000	61.5 64.2	64.2 64.8	64.8 66.0	66.0 66.8	66.7 67.0	66.7 67.0	66.9 67.0	67.0 67.1	67.1 67.1	67.2 67.2	67.2 67.2	67.2 67.2	67.3 67.3	67.3 67.3	67.3 67.3	67.4 67.4
IV 14000	61.5 64.2	64.2 64.8	64.8 66.0	66.0 66.8	66.7 67.0	66.7 67.0	66.9 67.0	67.0 67.1	67.1 67.1	67.2 67.2	67.2 67.2	67.2 67.2	67.3 67.3	67.3 67.3	67.3 67.3	67.4 67.4
IV 12000	63.0 66.1	66.1 66.8	66.8 68.0	68.0 68.7	68.7 68.9	68.7 68.9	68.9 69.0	69.0 69.0	69.1 69.1	69.1 69.1	69.1 69.1	69.1 69.1	69.5 69.5	69.5 69.5	69.5 69.5	69.5 69.5
IV 10000	65.6 67.8	67.8 72.0	70.2 73.2	71.9 73.3	72.7 76.3	73.0 76.9	73.2 77.4	73.3 77.7	73.3 77.7	73.4 77.8	73.4 77.8	73.4 77.8	73.8 78.2	73.8 78.2	73.8 78.2	73.8 78.2
IV 8000	70.0 71.6	74.7 76.7	76.3 78.5	74.4 81.0	79.8 82.0	80.4 83.4	81.4 84.4	81.8 84.9	81.8 84.9	81.9 85.1	81.9 85.1	81.9 85.1	82.3 85.4	82.3 85.4	82.3 85.4	82.3 85.4
IV 7000	71.6 73.4	76.7 78.8	78.5 81.1	81.0 83.5	82.0 85.4	83.4 86.2	84.4 87.2	84.9 87.7	84.9 87.7	85.1 87.8	85.1 87.8	85.1 87.8	85.4 88.2	85.4 88.2	85.4 88.2	85.4 88.2
IV 6000	72.5 73.4	77.3 78.8	79.6 81.1	82.0 83.5	83.7 85.4	84.5 86.2	85.5 87.2	86.0 87.7	86.0 87.7	86.1 87.8	86.1 87.8	86.1 87.8	86.5 88.2	86.5 88.2	86.5 88.2	86.5 88.2
IV 5000	73.7 74.3	79.0 79.7	81.3 81.9	83.8 84.4	85.0 86.5	86.5 87.3	87.4 88.4	88.0 88.9	88.0 88.9	88.1 89.0	88.1 89.0	88.1 89.0	88.4 89.4	88.4 89.4	88.4 89.4	88.4 89.4
IV 4500	74.3 75.1	79.7 80.4	81.9 82.7	84.4 85.3	86.5 87.5	87.3 88.6	88.4 89.7	88.9 90.2	88.9 90.2	89.0 90.4	89.0 90.4	89.0 90.4	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0
IV 4000	75.1 75.6	81.5 81.9	84.0 84.5	86.7 88.0	89.1 91.3	90.3 92.6	91.6 94.2	92.2 94.7	92.2 94.7	92.4 95.5	92.5 95.5	92.5 95.5	93.2 96.5	93.2 96.5	93.2 96.5	93.2 96.5
IV 3500	75.6 75.8	81.9 82.6	84.5 85.2	88.0 88.8	91.3 92.7	92.6 94.1	94.2 96.0	94.7 96.6	94.7 96.6	95.5 97.5	95.5 97.5	95.5 97.5	96.5 98.6	96.5 98.6	96.5 98.6	96.5 98.6
IV 3000	75.8 75.8	82.6 82.8	85.2 85.4	88.8 89.0	92.7 93.0	94.1 94.4	96.0 96.3	96.6 97.1	96.6 97.1	97.5 97.2	97.5 97.2	97.5 97.2	98.6 98.3	98.6 98.3	98.6 98.3	98.6 98.3
IV 2500	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 2000	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 1800	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 1500	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 1200	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 1000	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 900	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 800	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 700	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 600	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 500	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 400	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 300	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 200	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 100	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7
IV 0	75.8 75.8	82.8 82.8	85.4 85.4	89.0 89.0	93.0 93.0	94.4 94.5	96.3 96.5	96.9 97.2	96.9 97.2	98.0 98.3	98.0 98.3	98.0 98.3	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

GERMAN WELLS NAT DIST APT
STATION NAME

57-66

YEARS

YEAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	61.1	62.4	62.7	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000	68.5	70.3	71.0	71.6	72.0	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	68.7	70.5	71.3	71.9	72.4	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	69.1	71.0	71.7	72.4	72.8	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 12000	70.4	72.4	73.2	73.9	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000	73.4	75.9	77.4	78.6	79.2	79.4	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 9000	75.9	78.8	80.6	82.0	82.8	83.0	83.2	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	78.3	81.9	84.1	85.8	87.3	87.7	88.2	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	79.1	83.0	85.4	87.1	88.6	89.0	89.3	89.5	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	79.4	83.4	85.8	87.5	89.0	89.5	89.9	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	80.1	84.3	86.8	88.5	90.0	90.4	90.9	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	80.4	84.7	87.2	88.9	90.4	90.9	91.3	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	81.1	85.4	87.8	89.6	91.1	91.5	91.9	92.0	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3500	81.5	86.1	88.6	90.3	91.8	92.3	92.8	92.9	92.9	93.3	93.3	93.4	93.7	93.7	93.7	93.7
≥ 3000	82.4	87.4	90.0	91.9	93.5	94.0	94.6	94.7	94.8	95.3	95.3	95.4	95.6	95.6	95.6	95.6
≥ 2500	83.0	88.3	91.0	93.0	94.6	95.1	95.7	95.8	95.9	96.3	96.3	96.5	96.7	96.7	96.7	96.7
≥ 2000	83.8	89.0	91.8	94.0	95.6	96.3	97.0	97.1	97.2	97.6	97.6	97.7	97.8	97.8	97.8	97.8
≥ 1800	83.8	89.0	91.8	94.0	95.9	96.5	97.3	97.5	97.6	98.1	98.2	98.3	98.5	98.5	98.5	98.5
≥ 1500	83.8	89.0	91.9	94.1	96.0	96.6	97.4	97.6	97.7	98.2	98.3	98.4	98.6	98.6	98.6	98.6
≥ 1200	83.8	89.0	91.9	94.1	96.0	96.7	97.5	97.7	97.8	98.3	98.4	98.5	98.7	98.7	98.7	98.7
≥ 1000	83.8	89.0	92.0	94.2	96.3	97.0	98.1	98.3	98.4	98.8	98.9	99.0	99.2	99.2	99.2	99.2
≥ 900	83.8	89.0	92.0	94.2	96.3	97.0	98.2	98.4	98.5	98.9	99.1	99.2	99.5	99.5	99.5	99.5
≥ 800	83.8	89.0	92.0	94.2	96.3	97.0	98.2	98.4	98.5	98.9	99.1	99.2	99.5	99.5	99.5	99.5
≥ 700	83.8	89.0	92.0	94.2	96.3	97.0	98.2	98.4	98.5	98.9	99.1	99.2	99.5	99.5	99.5	99.5
≥ 600	83.8	89.0	92.0	94.2	96.3	97.0	98.2	98.4	98.5	98.9	99.1	99.2	99.5	99.5	99.5	99.5
≥ 500	83.8	89.0	92.0	94.2	96.3	97.0	98.2	98.4	98.5	98.9	99.1	99.2	99.5	99.5	99.5	99.5
≥ 400	83.8	89.0	92.0	94.2	96.3	97.0	98.2	98.5	98.6	99.1	99.4	99.5	99.7	100.0	100.0	100.0
≥ 300	83.8	89.0	92.0	94.2	96.3	97.0	98.2	98.5	98.6	99.1	99.4	99.5	99.7	100.0	100.0	100.0
≥ 200	83.8	89.0	92.0	94.2	96.3	97.0	98.2	98.5	98.6	99.1	99.4	99.5	99.7	100.0	100.0	100.0
≥ 100	83.8	89.0	92.0	94.2	96.3	97.0	98.2	98.5	98.6	99.1	99.4	99.5	99.7	100.0	100.0	100.0
≥ 0	83.8	89.0	92.0	94.2	96.3	97.0	98.2	98.5	98.6	99.1	99.4	99.5	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26202
STATION

NO. 101 WELLS NWT DOT APT
STATION NAME

57-66
YEARS

MONTH

AK

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT ST.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	61.3	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	68.4	72.2	72.5	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	68.9	72.3	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000	68.9	72.7	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 14000	69.5	73.7	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	71.5	75.5	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 10000	75.9	80.6	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 9000	78.1	82.8	83.2	83.9	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000	81.3	87.0	87.6	89.0	89.3	89.7	89.9	89.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	83.2	89.1	89.8	91.5	91.9	92.2	92.6	92.7	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	83.3	89.4	90.1	91.8	92.3	92.5	92.9	93.0	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	83.9	89.9	90.6	92.4	92.8	93.0	93.4	93.7	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	84.4	90.4	91.2	92.9	93.3	93.5	94.0	94.2	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	85.7	91.7	92.6	94.4	94.8	95.1	95.5	95.9	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	85.8	91.8	92.8	94.6	95.1	95.4	95.8	96.2	96.3	96.8	96.9	97.0	97.0	97.0	97.0	97.0
≥ 3000	86.0	92.3	93.3	95.4	95.8	96.1	96.6	97.0	97.1	97.5	97.6	97.7	97.7	97.7	97.7	97.7
≥ 2500	86.5	92.9	94.1	96.1	96.6	96.9	97.3	97.7	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5
≥ 2000	86.6	93.0	94.2	96.2	96.7	97.0	97.5	98.0	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.8
≥ 1800	86.6	93.0	94.2	96.2	96.7	97.0	97.5	98.0	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.8
≥ 1500	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 1200	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 1000	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 900	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 800	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 700	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 600	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 500	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 400	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 300	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 200	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 100	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4
≥ 0	86.6	93.1	94.3	96.6	97.0	97.3	98.0	98.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75202
STATION

MUNMAN WELLS MET WPT APT
STATION NAME

57-66

YEARS

YEAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	60.5	61.5	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	65.1	66.8	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	65.2	66.9	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 16000	65.3	67.0	67.4	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	66.3	68.1	68.5	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	68.6	70.4	70.9	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	74.0	76.3	76.8	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	77.1	80.3	80.8	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	80.4	84.4	84.8	86.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 7000	82.6	87.0	87.4	89.2	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	83.5	88.0	88.4	90.2	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	84.1	88.6	89.0	91.0	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	84.1	88.7	89.2	91.2	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	84.6	89.2	89.9	92.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	84.7	89.4	90.1	92.5	94.4	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	85.2	90.2	91.0	93.8	95.7	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	85.3	90.5	91.3	94.2	96.5	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	85.4	90.8	91.5	94.5	96.9	97.3	98.1	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7
≥ 1800	85.4	90.8	91.5	94.5	97.0	97.4	98.2	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8
≥ 1500	85.4	90.8	91.5	94.5	97.0	97.4	98.3	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1
≥ 1200	85.4	90.8	91.5	94.5	97.0	97.4	98.3	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1
≥ 1000	85.4	90.8	91.5	94.5	97.1	97.5	98.4	98.8	98.9	99.0	99.0	99.6	99.6	99.6	99.6	99.6
≥ 900	85.4	90.8	91.5	94.5	97.1	97.5	98.4	98.8	98.9	99.0	99.0	99.6	99.6	99.6	99.6	99.6
≥ 800	85.4	90.8	91.5	94.5	97.1	97.5	98.4	98.8	98.9	99.0	99.0	99.6	99.7	99.7	99.7	99.7
≥ 700	85.4	90.8	91.5	94.5	97.1	97.5	98.4	98.8	98.9	99.0	99.0	99.6	99.7	99.7	99.7	99.7
≥ 600	85.4	90.8	91.5	94.5	97.1	97.5	98.4	98.8	98.9	99.0	99.0	99.6	99.7	99.7	99.7	99.7
≥ 500	85.4	90.8	91.5	94.5	97.1	97.5	98.4	98.8	98.9	99.0	99.0	99.6	99.7	99.9	99.9	99.9
≥ 400	85.4	90.8	91.5	94.5	97.1	97.5	98.4	98.8	98.9	99.0	99.0	99.7	99.8	100.0	100.0	100.0
≥ 300	85.4	90.8	91.5	94.5	97.1	97.5	98.4	98.8	98.9	99.0	99.0	99.7	99.8	100.0	100.0	100.0
≥ 200	85.4	90.8	91.5	94.5	97.1	97.5	98.4	98.8	98.9	99.0	99.0	99.7	99.8	100.0	100.0	100.0
≥ 100	85.4	90.8	91.5	94.5	97.1	97.5	98.4	98.8	98.9	99.0	99.0	99.7	99.8	100.0	100.0	100.0
≥ 0	85.4	90.8	91.5	94.5	97.1	97.5	98.4	98.8	98.9	99.0	99.0	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

WORMEN WELLS NWT DUT APT
STATION NAME

97-66

YEARS

AR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.1	66.5	67.0	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 20000	66.2	68.9	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 18000	66.2	68.9	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 16000	66.2	68.9	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 14000	66.9	69.8	70.5	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 12000	68.3	71.2	72.0	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 10000	72.9	76.7	77.5	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 9000	74.5	78.5	79.5	81.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 8000	77.0	81.5	82.7	84.6	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 7000	79.0	83.8	85.2	87.5	88.6	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 6000	79.4	84.3	85.7	88.1	89.1	89.2	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 5000	80.5	85.1	87.5	90.1	91.4	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 4500	80.8	85.6	88.1	90.6	91.9	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 4000	81.1	87.1	88.8	91.7	93.0	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 3500	81.4	87.6	89.4	92.3	93.5	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 3000	81.5	88.2	89.9	92.9	94.5	94.6	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2500	81.7	88.5	90.2	93.2	95.1	95.2	95.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2000	82.2	88.9	90.6	93.7	95.7	95.9	96.6	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	82.4	89.1	90.9	93.9	95.9	96.1	96.8	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500	82.5	89.3	91.3	94.3	96.3	96.8	97.4	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	82.5	89.5	91.3	94.3	96.3	96.8	97.4	98.2	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	82.5	89.5	91.3	94.3	96.3	96.8	97.5	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	82.5	89.5	91.3	94.3	96.3	96.8	97.5	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	82.5	89.5	91.3	94.3	96.3	96.8	97.5	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	82.5	89.5	91.3	94.3	96.3	96.8	97.6	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	82.5	89.5	91.3	94.3	96.3	96.8	97.6	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	82.5	89.5	91.3	94.3	96.3	96.8	97.6	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	82.5	89.5	91.3	94.3	96.3	96.8	97.6	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	82.5	89.5	91.3	94.3	96.3	96.8	97.6	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200	82.5	89.5	91.3	94.3	96.3	96.8	97.6	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 100	82.5	89.5	91.3	94.3	96.3	96.8	97.6	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 0	82.5	89.5	91.3	94.3	96.3	96.8	97.6	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 940

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

20202
STATION

GERARDIN WELLS HRT DIST APT
STATION NAME

57-66
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 20000	62.7	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.9
≥ 18000	62.7	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.9
≥ 16000	62.7	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.9
IV 14000	63.8	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	65.0
IV 12000	64.8	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	66.0
IV 10000	68.6	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.9
IV 9000	70.8	71.9	72.0	72.3	73.0	73.0	73.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.4
IV 8000	72.4	74.0	74.3	74.9	76.0	76.0	76.0	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.4
IV 7000	73.4	75.8	76.2	76.8	78.1	78.1	78.4	78.4	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.9
IV 6000	74.1	75.0	76.4	77.0	78.3	78.3	78.7	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.1
IV 5000	75.2	77.2	77.7	78.3	79.7	79.7	80.0	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.4
IV 4500	75.9	78.1	78.6	79.2	80.6	80.6	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.3
IV 4000	78.4	81.8	82.6	83.3	85.3	85.3	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.3
IV 3500	79.3	82.8	83.7	84.8	86.8	86.9	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.9
IV 3000	80.6	85.0	86.0	87.3	89.7	89.8	90.3	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.8
IV 2500	81.3	85.8	87.1	88.7	91.2	91.3	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.7
IV 2000	82.4	87.3	88.7	90.2	93.0	93.1	94.2	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	95.0
IV 1800	82.9	87.8	89.2	90.8	93.7	93.8	94.9	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.7
IV 1500	83.2	88.1	89.6	91.1	94.0	94.1	95.3	95.9	95.9	96.6	96.7	96.7	96.7	96.7	96.7	96.8
IV 1200	83.2	88.1	89.6	91.1	94.0	94.1	95.3	95.9	95.9	96.6	96.7	96.7	96.7	96.7	96.7	96.8
IV 1000	83.4	88.8	90.2	91.8	95.3	95.4	96.8	97.6	97.6	98.6	98.8	98.8	99.0	99.1	99.1	99.2
IV 900	84.2	89.1	90.6	92.2	95.8	95.9	97.2	98.0	98.0	99.0	99.2	99.2	99.4	99.6	99.6	99.7
IV 800	84.2	89.1	90.6	92.2	95.8	95.9	97.2	98.0	98.0	99.0	99.2	99.2	99.4	99.6	99.6	99.7
IV 700	84.2	89.1	90.6	92.2	95.8	95.9	97.2	98.0	98.0	99.0	99.2	99.2	99.4	99.6	99.6	99.7
IV 600	84.2	89.1	90.6	92.2	95.8	95.9	97.2	98.0	98.0	99.0	99.2	99.2	99.4	99.6	99.6	99.7
IV 500	84.2	89.1	90.6	92.2	95.8	95.9	97.2	98.0	98.0	99.0	99.2	99.2	99.4	99.6	99.6	99.7
IV 400	84.2	89.1	90.6	92.2	95.8	95.9	97.2	98.0	98.0	99.0	99.2	99.2	99.4	99.6	99.6	99.7
IV 300	84.2	89.1	90.6	92.2	95.8	95.9	97.2	98.0	98.0	99.0	99.2	99.2	99.4	99.6	99.6	99.7
IV 200	84.2	89.1	90.6	92.2	95.8	95.9	97.2	98.0	98.0	99.0	99.2	99.2	99.4	99.6	99.6	99.7
IV 100	84.2	89.1	90.6	92.2	95.8	95.9	97.2	98.0	98.0	99.0	99.2	99.2	99.4	99.6	99.6	99.7
IV 0	84.2	89.1	90.6	92.2	95.8	95.9	97.2	98.0	98.0	99.0	99.2	99.2	99.4	99.6	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AG

CEILING VERSUS VISIBILITY

6202
STATION

WILKINSON WELLS NWOT DIST APT
STATION NAME

57-60
YEARS

MONTH

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	50.4	51.0	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.7
≥ 20000	53.2	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0
IV 18000	53.2	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0
IV 16000	53.3	53.4	53.7	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.1
IV 14000	53.7	53.8	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4
IV 12000	54.9	55.0	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.7
IV 10000	60.6	60.7	60.9	61.1	61.3	61.3	61.4	61.6	61.6	61.8	61.8	61.8	61.9	61.9	61.9	61.9
IV 9000	62.6	63.0	63.4	63.9	64.4	64.6	64.7	64.8	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.1
IV 8000	65.7	66.7	67.4	68.2	68.9	69.0	69.1	69.2	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.6
IV 7000	68.1	69.4	70.2	71.2	72.0	72.1	72.2	72.3	72.3	72.6	72.6	72.6	72.7	72.7	72.7	72.7
IV 6000	68.8	70.3	71.2	72.2	73.0	73.1	73.2	73.3	73.3	73.6	73.6	73.6	73.7	73.7	73.7	73.7
IV 5000	71.3	73.2	74.2	75.2	76.0	76.1	76.2	76.3	76.3	76.6	76.6	76.6	76.7	76.7	76.7	76.7
IV 4500	71.4	73.4	74.6	75.7	76.6	76.7	76.8	76.9	76.9	77.2	77.2	77.2	77.3	77.3	77.3	77.3
IV 4000	74.0	76.8	78.1	79.7	81.1	81.2	81.3	81.4	81.4	81.8	81.8	81.8	81.9	81.9	81.9	81.9
IV 3500	74.6	77.4	78.8	80.6	82.2	82.3	82.6	82.7	82.7	83.0	83.0	83.0	83.1	83.1	83.1	83.1
IV 3000	76.1	79.4	81.3	83.3	85.6	85.7	86.3	86.4	86.4	87.1	87.1	87.1	87.2	87.2	87.2	87.2
IV 2500	78.0	81.7	83.8	86.0	88.7	88.8	89.6	89.7	89.7	90.3	90.3	90.3	90.4	90.4	90.4	90.4
IV 2000	78.7	83.4	86.0	88.8	91.8	91.9	92.9	93.0	93.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
IV 1800	79.0	84.0	86.6	89.3	92.4	92.6	93.7	93.8	93.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
IV 1500	79.3	84.6	87.1	89.9	93.0	93.1	94.7	95.7	95.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2
IV 1200	79.7	84.9	87.4	90.3	93.6	93.7	95.2	96.4	96.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0
IV 1000	80.0	85.2	87.8	90.7	94.0	94.2	95.9	97.3	97.3	98.7	98.8	98.8	99.0	99.1	99.1	99.1
IV 900	80.2	85.4	88.0	90.9	94.2	94.4	96.1	97.7	97.7	99.1	99.3	99.3	99.4	99.4	99.4	99.4
IV 800	80.2	85.4	88.0	90.9	94.2	94.4	96.1	97.7	97.7	99.1	99.3	99.3	99.4	99.4	99.4	99.4
IV 700	80.2	85.6	88.1	91.1	94.4	94.7	96.3	97.9	98.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0
IV 600	80.2	85.6	88.1	91.1	94.4	94.7	96.3	97.9	98.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0
IV 500	80.2	85.6	88.1	91.1	94.4	94.7	96.3	97.9	98.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0
IV 400	80.2	85.6	88.1	91.1	94.4	94.7	96.3	97.9	98.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0
IV 300	80.2	85.6	88.1	91.1	94.4	94.7	96.3	97.9	98.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0
IV 200	80.2	85.6	88.1	91.1	94.4	94.7	96.3	97.9	98.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0
IV 100	80.2	85.6	88.1	91.1	94.4	94.7	96.3	97.9	98.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0
IV 0	80.2	85.6	88.1	91.1	94.4	94.7	96.3	97.9	98.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

MURMAN WELLS NWT DOT APT
STATION NAME

57-66

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.8	46.4	46.6	46.9	47.1	47.1	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	49.8	50.9	51.0	51.3	51.7	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 18000	49.8	50.9	51.0	51.3	51.7	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 16000	49.9	51.0	51.1	51.4	51.8	51.8	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 14000	50.1	51.2	51.3	51.7	52.0	52.0	52.0	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 12000	52.0	53.1	53.3	53.7	54.0	54.0	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 10000	57.6	59.2	59.4	59.9	60.3	60.3	60.3	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 9000	59.8	61.6	61.8	62.4	62.9	63.0	63.1	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 8000	63.6	65.6	66.7	67.4	68.0	68.1	68.7	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 7000	65.4	68.8	69.9	71.0	71.9	72.0	72.7	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 6000	65.8	69.1	70.2	71.3	72.2	72.3	73.0	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 5000	68.2	71.8	72.9	74.1	75.0	75.1	75.9	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 4500	68.6	72.1	73.2	74.4	75.3	75.4	76.2	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 4000	71.2	75.8	76.9	78.8	79.8	80.0	80.9	81.8	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 3500	71.9	76.6	77.7	79.6	80.6	80.8	81.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 3000	73.2	78.1	79.3	81.4	83.0	83.2	84.2	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2500	74.6	79.6	80.8	83.0	84.9	85.1	86.2	87.4	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2000	75.6	80.9	82.4	85.0	87.6	87.9	89.1	90.3	90.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6
IV 1800	75.7	81.2	82.8	85.4	88.0	88.4	89.7	90.9	90.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1
IV 1500	76.7	82.4	84.0	86.7	89.3	89.8	91.3	92.8	92.8	94.1	94.7	94.7	94.7	94.7	94.7	94.7
IV 1200	77.1	83.3	85.0	87.8	90.7	91.1	92.9	94.4	94.6	96.0	96.6	96.7	96.7	96.7	96.7	96.7
IV 1000	77.3	83.8	85.4	88.2	91.4	91.9	93.9	95.4	95.6	97.4	98.1	98.3	98.3	98.3	98.4	98.4
IV 900	77.3	84.0	85.7	88.7	91.9	92.3	94.3	95.9	96.0	97.9	98.6	98.8	98.8	98.9	99.0	99.0
IV 800	77.3	84.0	85.7	88.8	92.0	92.4	94.4	96.0	96.1	98.0	98.8	99.0	99.1	99.1	99.2	99.2
IV 700	77.3	84.0	85.7	88.9	92.1	92.7	94.7	96.2	96.3	98.2	99.0	99.2	99.3	99.3	99.4	99.4
IV 600	77.3	84.0	85.7	88.9	92.1	92.7	94.7	96.3	96.4	98.3	99.1	99.3	99.3	99.4	99.4	99.4
IV 500	77.3	84.0	85.7	88.9	92.1	92.7	94.7	96.3	96.4	98.4	99.2	99.4	99.6	99.6	99.7	99.7
IV 400	77.3	84.0	85.7	88.9	92.1	92.7	94.7	96.3	96.4	98.4	99.3	99.6	99.7	99.7	99.8	99.8
IV 300	77.3	84.0	85.7	88.9	92.1	92.7	94.7	96.3	96.4	98.4	99.3	99.6	99.8	99.8	99.9	100.0
IV 200	77.3	84.0	85.7	88.9	92.1	92.7	94.7	96.3	96.4	98.4	99.3	99.6	99.8	99.8	99.9	100.0
IV 100	77.3	84.0	85.7	88.9	92.1	92.7	94.7	96.3	96.4	98.4	99.3	99.6	99.8	99.8	99.9	100.0
IV 0	77.3	84.0	85.7	88.9	92.1	92.7	94.7	96.3	96.4	98.4	99.3	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

26202
STATION

MISSION WELLS INT OUT APT
STATION NAME

57-66

YEARS

1 DK
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	2.0	22.8	53.0	53.2	53.2	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	55.7	57.0	57.4	58.0	58.0	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.6	58.6	58.6	58.6
≥ 18000	55.7	57.0	57.4	58.0	58.0	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.6	58.6	58.6	58.6
≥ 16000	55.9	57.2	57.7	58.2	58.2	58.3	58.3	58.6	58.6	58.6	58.7	58.7	58.8	58.8	58.8	58.8
≥ 14000	56.6	57.9	58.4	58.9	58.9	59.1	59.1	59.3	59.3	59.3	59.4	59.4	59.6	59.6	59.6	59.6
≥ 12000	57.6	59.1	59.7	60.2	60.2	60.4	60.4	60.7	60.7	60.7	60.8	60.8	60.9	60.9	60.9	60.9
≥ 10000	61.9	63.8	64.6	65.2	65.3	65.7	65.8	66.0	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.3
≥ 9000	64.7	65.9	67.7	68.4	68.6	69.2	69.4	69.7	69.7	69.9	70.1	70.1	70.3	70.3	70.3	70.3
≥ 8000	67.7	70.4	71.6	72.4	73.2	73.7	73.9	74.3	74.3	74.9	75.1	75.1	75.4	75.4	75.4	75.4
≥ 7000	69.7	73.3	74.6	75.9	77.1	77.9	78.1	78.6	78.6	79.2	79.4	79.4	79.8	79.8	79.8	79.8
≥ 6000	69.8	73.4	74.7	76.0	77.2	78.1	78.3	78.8	78.8	79.4	79.7	79.7	80.0	80.0	80.0	80.0
≥ 5000	71.4	75.0	76.2	77.6	78.6	79.7	80.0	80.6	80.6	81.2	81.4	81.4	81.8	81.8	81.8	81.8
≥ 4500	72.0	75.7	76.9	78.2	79.7	80.6	80.9	81.4	81.4	82.1	82.3	82.3	82.7	82.7	82.7	82.7
≥ 4000	74.1	77.8	79.1	80.6	82.3	83.4	83.8	84.3	84.3	85.0	85.2	85.2	85.6	85.6	85.6	85.6
≥ 3500	75.4	79.1	80.4	82.0	83.9	85.0	85.3	85.9	85.9	86.6	86.8	86.8	87.1	87.1	87.1	87.1
≥ 3000	75.9	79.8	81.1	83.1	84.9	86.1	86.4	87.0	87.0	87.7	87.9	87.9	88.2	88.2	88.2	88.2
≥ 2500	78.0	82.4	83.9	85.9	87.8	89.2	89.9	90.4	90.4	91.3	91.6	91.6	91.9	91.9	91.9	91.9
≥ 2000	79.3	83.9	85.4	87.4	89.7	91.2	92.0	92.7	92.7	93.6	93.8	93.8	94.1	94.1	94.1	94.1
≥ 1800	79.4	84.1	85.9	87.9	90.1	91.7	92.4	93.2	93.2	94.1	94.3	94.3	94.7	94.7	94.7	94.7
≥ 1500	80.3	85.0	86.8	88.8	91.0	92.6	93.3	94.2	94.2	95.1	95.4	95.4	95.8	95.8	95.8	95.8
≥ 1200	81.1	86.0	87.9	90.0	92.4	94.0	95.0	95.9	95.9	96.8	97.2	97.4	97.8	97.8	97.8	97.8
≥ 1000	81.4	86.4	88.3	90.4	93.0	94.7	96.0	96.9	96.9	97.8	98.2	98.4	98.9	98.9	98.9	98.9
≥ 900	81.4	86.4	88.3	90.4	93.0	94.7	96.0	96.9	96.9	97.8	98.2	98.4	98.9	98.9	98.9	98.9
≥ 800	81.6	86.6	88.4	90.6	93.1	94.8	96.1	97.0	97.0	98.1	98.6	98.8	99.2	99.2	99.4	99.4
≥ 700	81.6	86.6	88.4	90.6	93.1	94.8	96.2	97.1	97.1	98.3	98.8	99.0	99.4	99.4	99.7	99.7
≥ 600	81.6	86.6	88.4	90.6	93.1	94.8	96.2	97.1	97.1	98.3	98.8	99.0	99.4	99.4	99.7	99.7
≥ 500	81.6	86.7	88.6	90.7	93.2	95.0	96.4	97.3	97.3	98.6	99.0	99.2	99.8	99.8	100.0	100.0
≥ 400	81.6	86.7	88.6	90.7	93.2	95.0	96.4	97.3	97.3	98.6	99.0	99.2	99.8	99.8	100.0	100.0
≥ 300	81.6	86.7	88.6	90.7	93.2	95.0	96.4	97.3	97.3	98.6	99.0	99.2	99.8	99.8	100.0	100.0
≥ 200	81.6	86.7	88.6	90.7	93.2	95.0	96.4	97.3	97.3	98.6	99.0	99.2	99.8	99.8	100.0	100.0
≥ 100	81.6	86.7	88.6	90.7	93.2	95.0	96.4	97.3	97.3	98.6	99.0	99.2	99.8	99.8	100.0	100.0
≥ 0	81.6	86.7	88.6	90.7	93.2	95.0	96.4	97.3	97.3	98.6	99.0	99.2	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 04 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR TEST OF SERVICE/AC

CEILING VERSUS VISIBILITY

26222
STATION

WILSON WELLS MET DET ART
STATION NAME

57-66
YEAR

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS - LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	58.9	54.0	59.1	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	55.0	53.3	65.0	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	55.1	65.4	65.7	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	55.1	65.4	65.8	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	55.7	66.0	66.3	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	57.4	67.9	68.2	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 10000	71.1	71.6	71.9	72.9	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	73.0	73.4	73.9	75.0	75.6	75.8	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	75.2	75.6	76.3	77.6	78.3	79.6	79.1	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	76.0	76.1	76.8	80.2	81.1	81.4	82.1	82.6	82.6	82.8	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	76.9	76.6	76.2	80.8	81.7	82.1	82.6	83.2	83.2	83.4	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	76.2	80.0	80.9	82.4	83.3	83.8	84.4	85.0	85.0	85.2	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500	76.9	80.7	81.6	83.2	84.1	84.6	85.2	85.8	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	80.3	82.1	83.1	85.0	85.9	86.4	87.1	87.7	87.7	87.9	88.2	88.2	88.2	88.2	88.3	88.3
≥ 3500	82.0	83.8	84.8	86.7	87.6	88.1	88.8	89.3	89.3	89.6	89.9	89.9	89.9	89.9	90.0	90.0
≥ 3000	82.8	85.0	86.0	88.0	89.1	89.9	90.7	91.2	91.2	91.4	91.8	91.8	91.8	91.8	91.9	91.9
≥ 2500	84.0	86.8	87.8	89.9	91.1	92.0	92.9	93.4	93.4	93.7	94.0	94.0	94.0	94.0	94.1	94.1
≥ 2000	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 1800	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 1500	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 1200	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 1000	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 900	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 800	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 700	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 600	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 500	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 400	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 300	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 200	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 100	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4
≥ 0	84.7	87.6	88.6	90.9	92.3	93.2	94.2	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAAC

CEILING VERSUS VISIBILITY

26202

QUANAH WELLS NRT DET APT

57-66

YEARS

PR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

MOON

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.3	60.4	60.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 20000	67.7	68.1	68.2	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 18000	67.7	68.1	68.2	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 16000	67.7	68.2	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 14000	68.7	69.2	69.3	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 12000	70.9	71.4	71.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 10000	74.0	74.7	75.0	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 9000	76.1	77.1	77.4	77.8	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 8000	78.9	80.2	80.8	82.1	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4
IV 7000	80.3	82.1	82.7	84.2	84.9	85.3	85.6	85.6	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9
IV 6000	81.0	82.8	83.3	84.9	85.6	86.0	86.2	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6
IV 5000	81.7	83.4	84.0	85.6	86.2	86.8	87.1	87.1	87.1	87.1	87.1	87.6	87.6	87.6	87.6	87.6
IV 4500	82.6	84.3	84.9	86.4	87.2	87.8	88.1	88.1	88.1	88.2	88.6	88.6	88.6	88.6	88.6	88.6
IV 4000	84.7	86.4	87.0	88.6	89.3	90.1	90.6	90.7	90.7	90.8	91.1	91.1	91.1	91.1	91.1	91.1
IV 3500	85.7	87.6	88.1	89.8	90.7	91.4	91.9	92.7	92.0	92.1	92.4	92.4	92.6	92.6	92.6	92.6
IV 3000	86.0	88.1	88.8	90.6	91.6	92.3	92.9	93.0	93.0	93.1	93.4	93.4	93.7	93.7	93.8	93.8
IV 2500	86.6	88.9	89.6	91.7	92.9	93.7	94.2	94.3	94.3	94.4	94.8	94.8	95.0	95.0	95.1	95.1
IV 2000	86.8	89.2	90.0	92.2	93.6	94.4	95.2	95.4	95.4	95.6	96.0	96.0	96.2	96.2	96.3	96.3
IV 1800	86.9	89.3	90.1	92.3	93.8	94.7	95.6	95.8	95.8	95.9	96.3	96.3	96.6	96.6	96.7	96.7
IV 1500	86.9	89.3	90.1	92.4	94.6	95.4	96.3	96.7	96.7	96.8	97.2	97.2	97.6	97.6	97.7	97.7
IV 1200	86.9	89.3	90.1	92.6	94.8	95.7	96.7	97.0	97.0	97.2	97.7	97.7	98.0	98.0	98.3	98.4
IV 1000	86.9	89.3	90.1	92.6	94.8	95.7	96.7	97.2	97.2	97.6	98.0	98.0	98.3	98.3	98.7	98.8
IV 900	87.0	89.4	90.2	92.7	94.9	95.8	97.0	97.6	97.6	97.9	98.3	98.3	98.7	98.7	99.0	99.1
IV 800	87.2	89.7	90.4	92.9	95.1	96.0	97.2	97.8	97.8	98.2	98.7	98.7	99.0	99.0	99.3	99.4
IV 700	87.2	89.7	90.4	93.0	95.2	96.1	97.3	97.9	97.9	98.3	98.8	98.8	99.1	99.1	99.4	99.4
IV 600	87.2	89.7	90.4	93.0	95.2	96.1	97.3	97.9	97.9	98.3	98.8	98.8	99.1	99.1	99.4	99.4
IV 500	87.2	89.7	90.4	93.0	95.2	96.1	97.3	97.9	97.9	98.4	98.9	98.9	99.2	99.2	99.6	99.7
IV 400	87.2	89.7	90.4	93.0	95.2	96.1	97.3	97.9	97.9	98.4	98.9	98.9	99.2	99.2	99.6	99.7
IV 300	87.2	89.7	90.4	93.0	95.2	96.1	97.3	97.9	97.9	98.4	98.9	98.9	99.2	99.2	99.9	100.0
IV 200	87.2	89.7	90.4	93.0	95.2	96.1	97.3	97.9	97.9	98.4	98.9	98.9	99.2	99.2	99.9	100.0
IV 100	87.2	89.7	90.4	93.0	95.2	96.1	97.3	97.9	97.9	98.4	98.9	98.9	99.2	99.2	99.9	100.0
IV 0	87.2	89.7	90.4	93.0	95.2	96.1	97.3	97.9	97.9	98.4	98.9	98.9	99.2	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26202
STATION

WORTHEN WELLS WRT DFT APT
STATION NAME

57-66
YEARS

MONTH

1400-2000
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-2000
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥16	≥4	≥0
NO CEILING	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	64.4	64.7	64.8	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	64.6	64.8	64.9	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	64.8	65.0	65.1	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	65.4	65.7	65.8	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 12000	66.9	67.1	67.2	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000	75.1	75.6	75.7	75.9	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	77.7	78.9	79.1	79.7	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	79.6	80.9	81.2	81.9	83.2	83.4	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	80.0	81.7	82.0	82.8	84.1	84.3	84.4	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	81.1	82.9	83.2	84.0	85.6	85.8	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	81.6	83.6	83.9	84.7	86.2	86.4	86.6	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4000	83.2	85.6	85.9	86.7	88.3	88.6	88.7	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500	84.4	86.8	87.2	88.0	89.7	90.0	90.1	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	85.8	88.3	88.8	89.6	91.2	91.6	91.9	92.1	92.1	92.3	92.3	92.3	92.3	92.6	92.6	92.6
≥ 2500	86.4	89.2	89.7	90.8	92.9	93.2	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.4	94.4	94.4
≥ 2000	87.0	90.0	90.4	91.7	94.0	94.3	94.9	95.3	95.3	95.7	95.9	95.9	95.9	96.1	96.1	96.2
≥ 1800	87.0	90.1	90.6	91.8	94.1	94.4	95.1	95.7	95.7	96.0	96.2	96.2	96.2	96.4	96.4	96.6
≥ 1500	87.0	90.2	90.7	91.9	94.4	94.8	95.6	96.1	96.1	96.6	96.8	96.8	96.8	97.3	97.3	97.4
≥ 1200	87.2	90.4	90.9	92.1	94.9	95.2	96.0	96.7	96.8	97.2	97.4	97.4	97.4	98.0	98.0	98.2
≥ 1000	87.2	90.6	91.1	92.3	95.2	95.6	96.3	97.1	97.2	97.8	98.0	98.0	98.0	98.6	98.6	99.0
≥ 900	87.2	90.6	91.1	92.3	95.2	95.6	96.3	97.1	97.2	97.8	98.0	98.0	98.0	98.6	98.6	99.0
≥ 800	87.3	90.7	91.2	92.4	95.3	95.7	96.4	97.3	97.4	98.0	98.2	98.2	98.2	98.8	98.8	99.2
≥ 700	87.3	90.7	91.2	92.4	95.3	95.7	96.4	97.3	97.4	98.0	98.2	98.2	98.2	98.8	98.8	99.2
≥ 600	87.3	90.7	91.2	92.4	95.3	95.7	96.4	97.3	97.4	98.0	98.2	98.2	98.2	98.8	98.8	99.2
≥ 500	87.3	90.7	91.2	92.4	95.3	95.7	96.4	97.3	97.4	98.0	98.2	98.2	98.2	98.8	98.8	99.2
≥ 400	87.3	90.7	91.2	92.4	95.3	95.7	96.4	97.3	97.4	98.0	98.2	98.2	98.2	98.8	98.8	99.2
≥ 300	87.3	90.7	91.2	92.4	95.3	95.7	96.4	97.3	97.4	98.0	98.2	98.2	98.2	98.8	98.8	99.2
≥ 200	87.3	90.7	91.2	92.4	95.3	95.7	96.4	97.3	97.4	98.0	98.2	98.2	98.2	98.8	98.8	99.2
≥ 100	87.3	90.7	91.2	92.4	95.3	95.7	96.4	97.3	97.4	98.0	98.2	98.2	98.2	98.8	98.8	99.2
≥ 0	87.3	90.7	91.2	92.4	95.3	95.7	96.4	97.3	97.4	98.0	98.2	98.2	98.2	98.8	98.8	99.2

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/JAG

CEILING VERSUS VISIBILITY

26202
STATION

DIXON WELLS AFB DFT APT
STATION NAME

57-66

YEARS

PR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.3	53.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 18000	62.6	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 16000	62.7	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 14000	63.8	64.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 12000	65.0	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 10000	68.1	68.4	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 9000	70.8	71.3	71.8	71.9	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 8000	74.4	75.7	76.6	77.0	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 7000	76.3	77.9	78.9	79.4	80.1	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
IV 6000	76.8	78.6	79.6	80.1	80.8	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
IV 5000	78.9	80.8	81.8	82.4	83.1	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
IV 4500	79.4	81.4	82.4	83.1	83.8	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
IV 4000	81.3	83.6	84.7	85.3	86.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
IV 3500	83.2	85.4	86.9	87.7	89.0	89.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
IV 3000	84.3	87.1	88.0	89.6	91.0	91.4	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
IV 2500	85.1	88.2	89.9	90.9	92.4	92.9	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
IV 2000	85.6	88.8	90.4	91.4	93.0	93.4	94.4	94.3	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0
IV 1800	86.0	89.2	90.9	91.9	93.4	93.9	94.9	95.2	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6
IV 1500	86.0	89.6	91.2	92.2	93.9	94.3	95.3	95.9	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3
IV 1200	86.0	89.6	91.2	92.3	94.1	94.6	95.6	96.1	96.1	96.7	96.7	96.9	96.9	96.9	96.9	96.9
IV 1000	86.1	89.7	91.3	92.7	94.6	95.0	96.1	96.7	96.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	86.1	89.7	91.3	92.7	94.6	95.0	96.1	96.7	96.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	86.1	89.7	91.3	92.7	94.6	95.0	96.1	96.7	96.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	86.2	89.8	91.4	92.8	94.7	95.1	96.2	96.8	96.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	86.2	89.8	91.4	92.8	94.7	95.1	96.2	96.8	96.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	86.2	89.8	91.4	92.8	94.7	95.1	96.3	96.9	96.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	86.2	89.8	91.4	92.8	94.7	95.1	96.3	96.9	96.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4
IV 300	86.2	89.8	91.4	92.8	94.7	95.1	96.3	96.9	96.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4
IV 200	86.2	89.8	91.4	92.8	94.7	95.1	96.3	96.9	96.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4
IV 100	86.2	89.8	91.4	92.8	94.7	95.1	96.3	96.9	96.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4
IV 0	86.2	89.8	91.4	92.8	94.7	95.1	96.3	96.9	96.9	98.1	98.4	98.4	98.4	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20202 HOFMAN WELLS NWT OIT APT
STATION

57-66

YEAR

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING ≥ 20000	53.5	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 18000	56.7	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	56.8	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4
≥ 14000	57.0	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6
≥ 12000	58.5	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1
≥ 10000	61.9	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	63.0
≥ 9000	64.4	64.9	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.5
≥ 8000	68.8	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	70.0
≥ 7000	73.4	74.7	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.5
≥ 6000	75.6	76.5	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.2
≥ 5000	78.9	80.1	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.9
≥ 4500	80.9	82.0	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.8
≥ 4000	84.7	86.0	86.2	86.3	86.6	86.6	86.7	86.7	86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.1
≥ 3500	86.3	87.6	87.8	88.1	88.3	88.3	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.8
≥ 3000	88.7	90.3	90.9	91.2	91.5	91.5	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.9	91.9	92.0
≥ 2500	89.5	91.2	91.8	92.2	92.5	92.5	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9	93.0
≥ 2000	90.6	93.1	93.9	94.2	94.5	94.5	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.5	95.5	95.6
≥ 1800	90.6	93.3	94.1	94.4	94.7	94.7	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.9	95.9	96.0
≥ 1500	90.6	93.7	94.6	95.1	95.5	95.5	96.1	96.3	96.3	96.6	96.6	96.6	96.6	97.0	97.0	97.1
≥ 1200	90.8	94.1	95.1	95.5	95.9	95.9	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.5	97.5	97.6
≥ 1000	90.9	94.2	95.3	96.0	96.5	96.5	97.3	97.5	97.5	97.7	97.7	97.7	97.7	98.2	98.2	98.3
≥ 900	90.9	94.2	95.3	96.0	96.5	96.5	97.3	97.5	97.5	97.7	97.7	97.7	97.7	98.4	98.4	98.5
≥ 800	91.0	94.3	95.5	96.2	97.0	97.0	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.9	98.9	99.0
≥ 700	91.1	94.4	95.6	96.3	97.2	97.2	98.1	98.3	98.3	98.5	98.5	98.5	98.5	99.1	99.1	99.2
≥ 600	91.1	94.5	95.7	96.5	97.5	97.5	98.4	98.7	98.7	98.9	98.9	98.9	98.9	99.6	99.6	99.7
≥ 500	91.1	94.5	95.7	96.6	97.7	97.7	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.9	99.9	100.0
≥ 400	91.1	94.5	95.7	96.6	97.7	97.7	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.9	99.9	100.0
≥ 300	91.1	94.5	95.7	96.6	97.7	97.7	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.9	99.9	100.0
≥ 200	91.1	94.5	95.7	96.6	97.7	97.7	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.9	99.9	100.0
≥ 100	91.1	94.5	95.7	96.6	97.7	97.7	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.9	99.9	100.0
≥ 0	91.1	94.5	95.7	96.6	97.7	97.7	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26202 WILLOW WELLS WVT DIST APT
STATION STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	52.4	52.5	52.5	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	56.6	56.7	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 18000	56.8	56.9	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 16000	56.8	56.9	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 14000	57.5	57.6	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 12000	60.0	60.1	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 10000	63.0	63.1	63.4	63.4	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 9000	66.1	66.3	66.7	66.7	66.9	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 8000	70.8	71.0	71.3	71.3	71.5	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.3	72.4
IV 7000	76.2	76.6	77.1	77.1	77.3	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.1	78.2
IV 6000	76.7	77.2	77.5	77.5	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.5	78.6
IV 5000	79.0	79.7	80.1	80.1	80.4	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.3	81.4
IV 4500	80.2	81.0	81.4	81.4	81.7	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.6	82.7
IV 4000	84.7	85.5	85.9	85.9	86.3	86.3	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.4	87.5
IV 3500	86.1	86.9	87.3	87.3	87.7	87.7	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.8	88.9
IV 3000	87.7	88.7	89.5	89.5	90.1	90.1	90.9	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.5	91.6
IV 2500	88.6	89.7	90.5	90.5	91.2	91.2	91.9	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.6	92.7
IV 2000	89.8	91.3	92.3	92.3	93.2	93.2	94.2	94.2	94.2	94.2	94.9	94.9	94.9	94.9	95.4	95.5
IV 1800	89.8	91.3	92.3	92.3	93.2	93.2	94.2	94.2	94.2	94.2	94.9	94.9	94.9	94.9	95.4	95.5
IV 1500	90.0	92.2	93.2	93.2	94.4	94.4	95.6	95.6	96.0	96.0	96.6	96.6	96.6	96.6	97.1	97.2
IV 1200	90.3	92.5	93.5	94.1	94.8	94.8	96.2	96.2	96.7	96.7	97.2	97.2	97.2	97.2	97.7	97.8
IV 1000	90.6	92.6	93.9	94.4	95.3	95.3	96.8	96.8	97.4	97.4	98.1	98.1	98.1	98.3	98.8	98.7
IV 900	90.6	92.6	93.9	94.4	95.3	95.3	96.8	96.8	97.4	97.4	98.1	98.1	98.1	98.3	98.8	98.7
IV 800	90.6	92.6	93.9	94.4	95.3	95.3	96.8	96.8	97.4	97.4	98.1	98.1	98.1	98.3	98.8	98.7
IV 700	90.6	92.6	93.9	94.4	95.3	95.3	96.8	96.8	97.4	97.4	98.1	98.1	98.1	98.3	98.8	98.7
IV 600	90.6	92.6	93.9	94.4	95.3	95.3	96.8	96.8	97.4	97.4	98.1	98.1	98.1	98.3	98.8	98.7
IV 500	90.9	93.1	94.3	94.9	96.1	96.1	97.7	97.7	98.4	98.4	99.1	99.1	99.1	99.6	99.9	100.0
IV 400	90.9	93.1	94.3	94.9	96.1	96.1	97.7	97.7	98.4	98.4	99.1	99.1	99.1	99.6	99.9	100.0
IV 300	90.9	93.1	94.3	94.9	96.1	96.1	97.7	97.7	98.4	98.4	99.1	99.1	99.1	99.6	99.9	100.0
IV 200	90.9	93.1	94.3	94.9	96.1	96.1	97.7	97.7	98.4	98.4	99.1	99.1	99.1	99.6	99.9	100.0
IV 100	90.9	93.1	94.3	94.9	96.1	96.1	97.7	97.7	98.4	98.4	99.1	99.1	99.1	99.6	99.9	100.0
IV 0	90.9	93.1	94.3	94.9	96.1	96.1	97.7	97.7	98.4	98.4	99.1	99.1	99.1	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20202
STATION

MURMAN WELLS NWT DOT APT
STATION NAME

57-66
YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4
≥ 20000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9
IV 18000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9
IV 16000	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
IV 14000	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
IV 12000	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
IV 10000	65.1	65.1	65.2	65.2	65.2	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
IV 9000	68.2	68.2	68.4	68.4	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
IV 8000	72.7	72.8	73.0	73.1	73.1	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7
IV 7000	76.1	76.6	76.8	76.9	77.0	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
IV 6000	77.3	77.7	78.1	78.2	78.3	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
IV 5000	78.7	79.2	79.6	79.7	79.8	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
IV 4500	80.1	81.0	81.3	81.5	81.6	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2
IV 4000	83.3	84.2	84.5	84.7	84.8	85.1	85.2	85.3	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.8
IV 3500	84.4	85.4	85.8	86.0	86.1	86.3	86.6	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.2
IV 3000	86.5	88.1	88.5	88.8	89.1	89.4	89.6	89.7	89.7	89.7	89.7	90.1	90.1	90.1	90.1	90.2
IV 2500	87.5	89.4	89.8	90.2	90.5	90.8	91.0	91.1	91.1	91.1	91.1	91.5	91.5	91.5	91.5	91.6
IV 2000	88.6	90.5	91.0	91.7	92.5	92.7	92.9	93.0	93.0	93.0	93.0	93.5	93.5	93.5	93.5	93.7
IV 1800	88.8	90.8	91.2	92.2	92.9	93.1	93.3	93.4	93.4	93.4	93.5	94.1	94.1	94.1	94.1	94.2
IV 1500	89.4	91.4	91.8	93.0	93.9	94.2	94.4	94.5	94.5	94.7	95.3	95.4	95.4	95.4	95.4	95.5
IV 1200	89.4	91.5	92.0	93.3	94.3	94.6	94.8	94.9	94.9	95.3	95.9	96.0	96.0	96.0	96.0	96.1
IV 1000	89.5	91.8	92.6	93.9	95.1	95.6	95.9	96.2	96.2	96.8	97.4	97.5	97.5	97.5	97.5	97.6
IV 900	89.5	91.8	92.6	93.9	95.2	95.7	96.2	96.6	96.6	97.1	97.7	97.8	97.8	97.8	97.8	98.0
IV 800	89.5	91.8	92.6	93.9	95.4	95.9	96.5	96.8	96.8	97.3	98.1	98.2	98.2	98.2	98.2	98.3
IV 700	89.6	92.3	93.0	94.3	95.5	96.0	96.6	96.9	96.9	97.4	98.2	98.4	98.4	98.4	98.4	98.5
IV 600	89.6	92.3	93.0	94.3	95.8	96.3	96.9	97.2	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.8
IV 500	89.8	92.5	93.2	94.6	96.5	97.0	97.5	97.8	97.8	98.4	99.1	99.4	99.4	99.4	99.4	99.5
IV 400	89.8	92.5	93.2	94.6	96.5	97.0	97.5	97.8	97.8	98.4	99.1	99.4	99.4	99.4	99.4	99.6
IV 300	89.8	92.5	93.2	94.6	96.7	97.2	97.7	98.1	98.1	98.6	99.4	99.6	99.6	99.6	99.6	99.8
IV 200	89.8	92.5	93.2	94.6	96.7	97.2	97.7	98.1	98.1	98.6	99.4	99.6	99.6	99.6	99.6	99.9
IV 100	89.8	92.5	93.2	94.6	96.7	97.2	97.7	98.1	98.1	98.6	99.4	99.6	99.6	99.6	99.6	100.0
IV 0	89.8	92.5	93.2	94.6	96.7	97.2	97.7	98.1	98.1	98.6	99.4	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

WILSON WELLS NHF DDT APT
STATION NAME

57-66
YEARS

MONTH

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS ILST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 18000	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 16000	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	61.6	61.7	61.7	61.7	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	67.4	67.7	67.7	67.7	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	70.0	70.4	70.4	70.4	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 8000	73.3	74.1	74.2	74.4	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	77.0	77.6	77.7	78.0	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	78.5	79.2	79.4	79.6	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000	79.2	80.0	80.1	80.3	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	80.8	81.6	81.7	81.9	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	83.1	84.1	84.2	84.5	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	85.1	86.2	86.3	86.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	87.3	88.7	88.8	89.2	89.7	89.7	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	89.5	91.1	91.2	91.8	92.4	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	90.1	92.2	92.3	93.1	93.7	93.8	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	90.5	92.8	93.0	93.9	94.6	94.7	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	91.3	93.7	94.0	94.8	95.8	95.9	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	91.6	94.1	94.4	95.4	96.6	96.7	97.1	97.4	97.5	97.6	97.7	97.7	97.8	98.0	98.0	98.0
≥ 1000	91.6	94.3	94.7	95.7	96.9	97.0	97.6	98.1	98.2	98.3	98.5	98.5	98.6	98.7	98.7	98.7
≥ 900	91.6	94.3	94.7	95.7	96.9	97.0	97.6	98.1	98.2	98.3	98.5	98.5	98.6	98.7	98.7	98.7
≥ 800	91.6	94.4	94.8	95.8	97.0	97.1	97.7	98.2	98.3	98.4	98.6	98.8	98.9	99.1	99.1	99.1
≥ 700	91.7	94.8	95.3	96.2	97.4	97.5	98.2	98.6	98.7	98.8	99.0	99.2	99.4	99.6	99.6	99.6
≥ 600	91.7	94.8	95.4	96.3	97.5	97.6	98.3	98.7	98.8	98.9	99.1	99.4	99.5	99.7	99.7	99.7
≥ 500	91.7	94.8	95.4	96.3	97.6	97.7	98.4	98.8	98.9	99.0	99.2	99.5	99.6	99.8	99.8	99.8
≥ 400	91.7	94.8	95.4	96.3	97.6	97.7	98.4	98.8	98.9	99.0	99.2	99.5	99.6	99.8	99.8	99.8
≥ 300	91.7	94.8	95.4	96.3	97.6	97.7	98.4	98.8	98.9	99.0	99.2	99.5	99.6	99.8	99.8	99.8
≥ 200	91.9	95.1	95.6	96.6	97.8	98.0	98.6	99.0	99.1	99.2	99.5	99.7	99.8	100.0	100.0	100.0
≥ 100	91.9	95.1	95.6	96.6	97.8	98.0	98.6	99.0	99.1	99.2	99.5	99.7	99.8	100.0	100.0	100.0
≥ 0	91.9	95.1	95.6	96.6	97.8	98.0	98.6	99.0	99.1	99.2	99.5	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

JOHNSON WELLS NWT DIST APT
STATION NAME

57-66

YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 14000	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	75.7	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	78.3	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	79.2	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 5000	81.8	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	83.5	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	86.2	87.4	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	88.5	89.8	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	91.3	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	92.6	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	93.9	95.5	95.7	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	94.0	95.6	95.8	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	94.1	96.0	96.5	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	94.1	96.2	96.9	97.2	98.0	98.0	98.0	98.2	98.2	98.2	98.4	98.6	98.6	98.8	98.8	98.8
≥ 1000	94.1	96.2	97.0	97.4	98.2	98.2	98.2	98.4	98.4	98.4	98.7	99.0	99.0	99.4	99.4	99.4
≥ 900	94.2	96.5	97.3	97.8	98.6	98.6	98.6	98.8	98.8	98.8	99.1	99.5	99.5	99.8	99.8	99.8
≥ 800	94.2	96.5	97.3	97.8	98.6	98.6	98.6	98.8	98.8	98.8	99.1	99.5	99.5	99.8	99.8	99.8
≥ 700	94.2	96.5	97.3	97.8	98.6	98.6	98.6	98.8	98.8	98.8	99.1	99.5	99.5	99.8	99.8	99.8
≥ 600	94.2	96.5	97.3	97.8	98.6	98.6	98.6	98.8	98.8	98.8	99.1	99.5	99.5	99.8	99.8	99.8
≥ 500	94.2	96.5	97.3	97.8	98.8	98.8	98.8	99.0	99.0	99.0	99.4	99.7	99.7	100.0	100.0	100.0
≥ 400	94.2	96.5	97.3	97.8	98.8	98.8	98.8	99.0	99.0	99.0	99.4	99.7	99.7	100.0	100.0	100.0
≥ 300	94.2	96.5	97.3	97.8	98.8	98.8	98.8	99.0	99.0	99.0	99.4	99.7	99.7	100.0	100.0	100.0
≥ 200	94.2	96.5	97.3	97.8	98.8	98.8	98.8	99.0	99.0	99.0	99.4	99.7	99.7	100.0	100.0	100.0
≥ 100	94.2	96.5	97.3	97.8	98.8	98.8	98.8	99.0	99.0	99.0	99.4	99.7	99.7	100.0	100.0	100.0
≥ 0	94.2	96.5	97.3	97.8	98.8	98.8	98.8	99.0	99.0	99.0	99.4	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26262
STATION

JOHN W. WELLS NWT DDT APT
STATION NAME

57-66

YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 18000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 14000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 12000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 10000	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 9000	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 8000	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 7000	79.8	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 6000	80.3	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 5000	83.5	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 4500	85.6	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4000	89.0	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3500	91.1	91.4	91.4	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3000	93.0	93.5	93.5	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2500	94.4	95.3	95.3	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2000	94.9	96.0	96.0	96.2	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0
IV 1800	94.9	96.0	96.2	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3
IV 1500	95.4	96.5	96.7	96.9	97.3	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1
IV 1200	95.4	96.6	96.9	97.2	97.8	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.9	98.9	98.9
IV 1000	95.5	96.8	97.1	97.4	98.1	98.1	98.6	98.8	98.8	99.0	99.0	99.4	99.6	99.6	99.6	99.6
IV 900	95.7	97.1	97.4	97.7	98.4	98.4	98.9	99.1	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9
IV 800	95.8	97.2	97.5	97.8	98.5	98.5	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0
IV 700	95.8	97.2	97.5	97.8	98.5	98.5	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0
IV 600	95.8	97.2	97.5	97.8	98.5	98.5	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0
IV 500	95.8	97.2	97.5	97.8	98.5	98.5	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0
IV 400	95.8	97.2	97.5	97.8	98.5	98.5	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0
IV 300	95.8	97.2	97.5	97.8	98.5	98.5	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0
IV 200	95.8	97.2	97.5	97.8	98.5	98.5	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0
IV 100	95.8	97.2	97.5	97.8	98.5	98.5	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0
IV 0	95.8	97.2	97.5	97.8	98.5	98.5	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

ROPMAN WELLS FMT OPT APT
STATION NAME

57-66

YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-00-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 16000	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 14000	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 12000	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 10000	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 9000	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 8000	72.4	72.5	72.5	72.5	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3
IV 7000	75.6	75.7	75.7	75.8	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7
IV 6000	77.6	77.7	77.7	77.8	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7
IV 5000	83.4	83.7	83.7	83.8	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6
IV 4500	85.5	85.7	85.7	85.8	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7
IV 4000	88.8	89.0	89.0	89.1	89.6	89.6	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0
IV 3500	91.4	91.6	91.6	91.7	92.4	92.4	92.7	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0
IV 3000	93.1	93.3	93.3	93.3	94.2	94.2	94.5	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8
IV 2500	93.7	94.1	94.1	94.3	94.9	94.9	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6
IV 2000	94.6	95.1	95.2	95.5	96.3	96.3	97.0	97.1	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4
IV 1800	94.6	95.1	95.2	95.5	96.3	96.3	97.2	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6
IV 1500	95.1	95.5	95.6	96.0	97.0	97.0	97.7	97.8	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2
IV 1200	95.3	95.7	95.8	96.3	97.3	97.4	98.4	98.5	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8
IV 1000	95.4	95.8	95.9	96.5	97.4	97.5	98.6	98.8	98.8	98.9	98.9	99.1	99.4	99.4	99.4	99.4
IV 900	95.6	96.0	96.1	96.7	97.6	97.7	98.8	99.0	99.0	99.1	99.1	99.4	99.6	99.6	99.6	99.6
IV 800	95.6	96.0	96.1	96.7	97.6	97.7	98.8	99.1	99.1	99.2	99.2	99.5	99.7	99.7	99.7	99.7
IV 700	95.6	96.0	96.1	96.7	97.6	97.7	98.8	99.2	99.2	99.3	99.3	99.7	100.0	100.0	100.0	100.0
IV 600	95.6	96.0	96.1	96.7	97.6	97.7	98.8	99.2	99.2	99.3	99.3	99.7	100.0	100.0	100.0	100.0
IV 500	95.6	96.0	96.1	96.7	97.6	97.7	98.8	99.2	99.2	99.3	99.3	99.7	100.0	100.0	100.0	100.0
IV 400	95.6	96.0	96.1	96.7	97.6	97.7	98.8	99.2	99.2	99.3	99.3	99.7	100.0	100.0	100.0	100.0
IV 300	95.6	96.0	96.1	96.7	97.6	97.7	98.8	99.2	99.2	99.3	99.3	99.7	100.0	100.0	100.0	100.0
IV 200	95.6	96.0	96.1	96.7	97.6	97.7	98.8	99.2	99.2	99.3	99.3	99.7	100.0	100.0	100.0	100.0
IV 100	95.6	96.0	96.1	96.7	97.6	97.7	98.8	99.2	99.2	99.3	99.3	99.7	100.0	100.0	100.0	100.0
IV 0	95.6	96.0	96.1	96.7	97.6	97.7	98.8	99.2	99.2	99.3	99.3	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 330

USAF ETAC FORM 101-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26232
STATION

WILLIAM HILLS NEXT UNIT APT
STATION NAME

57-66
YEARS

AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0
NO CEILING	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 16000	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 14000	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 10000	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 9000	66.0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 7000	73.8	74.7	74.9	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	76.8	77.7	78.0	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	83.5	84.5	84.7	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500	85.7	86.7	86.9	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	88.8	89.6	90.0	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	90.9	91.8	92.2	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	91.6	92.8	93.1	93.1	93.3	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	91.7	93.4	93.8	93.8	94.0	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	92.6	94.5	94.9	95.1	95.4	95.5	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	92.6	94.5	94.9	95.1	95.4	95.5	95.8	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1500	93.2	95.2	95.6	95.7	96.0	96.1	96.6	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1200	93.3	95.3	95.7	95.8	96.1	96.3	96.8	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6
≥ 1000	93.5	95.5	95.9	96.0	96.5	96.7	97.2	97.8	97.8	97.8	98.3	98.4	98.4	98.5	98.5
≥ 900	93.5	95.6	96.0	96.1	96.8	97.0	97.5	98.2	98.2	98.6	98.7	98.7	98.7	98.8	98.8
≥ 800	93.5	95.6	96.0	96.1	96.8	97.0	97.5	98.2	98.2	98.6	98.7	98.7	98.7	98.8	98.8
≥ 700	93.7	95.7	96.1	96.3	97.1	97.3	97.8	98.5	98.5	99.0	99.1	99.1	99.2	99.2	99.2
≥ 600	94.0	96.0	96.5	96.7	97.4	97.6	98.4	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.8
≥ 500	94.0	96.0	96.5	96.7	97.4	97.6	98.4	99.0	99.0	99.7	99.8	99.8	99.8	100.0	100.0
≥ 400	94.0	96.0	96.5	96.7	97.4	97.6	98.4	99.0	99.0	99.7	99.8	99.8	99.8	100.0	100.0
≥ 300	94.0	96.0	96.5	96.7	97.4	97.6	98.4	99.0	99.0	99.7	99.8	99.8	99.8	100.0	100.0
≥ 200	94.0	96.0	96.5	96.7	97.4	97.6	98.4	99.0	99.0	99.7	99.8	99.8	99.8	100.0	100.0
≥ 100	94.0	96.0	96.5	96.7	97.4	97.6	98.4	99.0	99.0	99.7	99.8	99.8	99.8	100.0	100.0
≥ 0	94.0	96.0	96.5	96.7	97.4	97.6	98.4	99.0	99.0	99.7	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 10-1-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 1541 ETAP
 AIR-WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202 NUMBER OF YEARS NOT OUT APT
 STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅓	≥ ⅔	≥ 0
NO CEILING ≥ 20000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 16000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 9000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	93.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	94.3	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	94.8	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	94.8	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	95.4	96.0	96.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	95.4	96.2	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	95.8	96.7	97.2	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	95.3	96.7	97.2	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	96.0	96.9	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	96.0	96.9	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	96.1	97.0	97.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	96.4	97.3	98.2	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	96.4	97.3	98.2	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	96.4	97.3	98.2	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	96.4	97.3	98.2	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	96.4	97.3	98.2	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

26202

ROBERT WELLS

STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥0.16	≥0
NO CEILING	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8070	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 6000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

990

USAF ETAC

FORM 04

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A100 246

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
NORMAN WELLS APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM--ETC
JAN 72

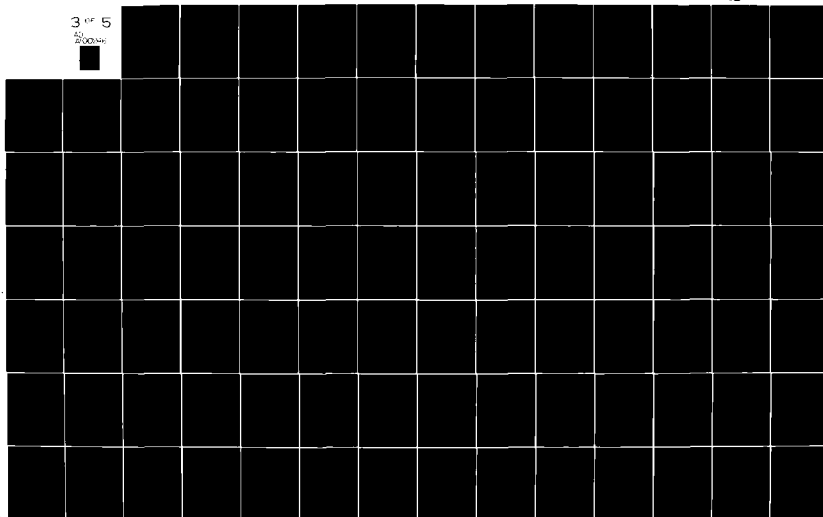
DECLASSIFIED USAFETAC/DS-81/041

SBIE-AD-E850 069

NL

3 of 5

50
200000



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

26202
STATION

WILSON WELLS INT DT ART
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .2	≥ .16	≥ .1	≥ 0
NO CEILING	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 18000	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 16000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 14000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 12000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 10000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 9000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 8000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 7000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 6000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 5000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 4500	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4000	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 3500	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3000	91.6	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2500	92.0	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2000	92.3	93.6	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1800	92.6	93.8	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1500	93.1	94.3	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1200	93.4	94.8	95.2	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1000	94.2	95.8	96.2	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 900	94.3	96.1	96.6	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	94.7	96.4	96.9	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 700	94.9	96.7	97.2	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	95.0	96.8	97.3	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	95.0	96.9	97.4	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	95.0	96.9	97.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	95.0	96.9	97.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	95.0	96.9	97.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	95.0	96.9	97.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	95.0	96.9	97.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20202
STATION

BERMAN WELLS NWT DDT APT
STATION NAME

57-66

YEARS

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 20000	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 18000	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 16000	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 14000	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 12000	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 10000	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 9000	73.9	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 8000	76.7	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 7000	78.8	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 6000	79.6	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 5000	81.4	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 4500	82.1	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4000	83.8	84.4	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 3500	85.7	86.3	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3000	87.7	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 2500	89.7	90.8	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2000	90.9	92.1	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1800	91.6	92.8	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1500	92.7	94.1	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1200	93.6	95.0	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000	94.1	95.8	96.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 900	94.3	96.1	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	94.6	96.7	97.4	98.1	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	95.0	97.0	98.0	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	95.1	97.1	98.3	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	95.1	97.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	95.1	97.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.1	97.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.1	97.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.1	97.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.1	97.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

MURKIN WELLS NGF DUT APT
STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 16000	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 14000	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 12000	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 10000	59.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 9000	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 7000	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 5000	81.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500	82.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 4000	85.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	87.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3000	90.7	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	92.1	93.4	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 2000	93.3	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	93.9	95.2	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1500	95.0	96.4	96.6	96.6	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	95.4	97.0	97.1	97.1	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000	96.0	97.6	97.7	97.7	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	96.0	97.6	97.8	97.9	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	96.0	97.6	97.9	98.0	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	96.3	97.9	98.2	98.6	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	96.3	98.0	98.4	98.8	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.3	98.0	98.4	98.8	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.3	98.0	98.4	98.8	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.3	98.0	98.4	98.8	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.3	98.0	98.4	98.8	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.3	98.0	98.4	98.8	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.3	98.0	98.4	98.8	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 7-64 0-14-5 (O, 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

26202
STATION

OLD MAN WELLS NWT DUT APT
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3	45.9 56.3
IV 18000 16000	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3	56.3 56.3
IV 14000 12000	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8	57.1 59.8
IV 10000 9000	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0	66.1 70.0
IV 8000 7000	73.2 76.7	73.6 77.0	73.6 77.0	73.6 77.0	73.6 77.1	73.6 77.1	73.6 77.1	73.6 77.1	73.6 77.1	73.6 77.1	73.6 77.1	73.6 77.1	73.6 77.1	73.6 77.1	73.6 77.1	73.6 77.1
IV 6000 5000	79.2 83.6	79.6 84.0	79.6 84.0	79.6 84.0	79.7 84.1	79.7 84.1	79.7 84.1	79.7 84.1	79.7 84.1	79.7 84.1	79.7 84.1	79.7 84.1	79.7 84.1	79.7 84.1	79.7 84.1	79.7 84.1
IV 4500 4000	85.1 89.2	85.1 89.8	86.2 89.9	86.2 89.9	86.3 90.0	86.3 90.0	86.3 90.0	86.3 90.0	86.3 90.0	86.3 90.0	86.3 90.0	86.3 90.0	86.3 90.0	86.3 90.0	86.3 90.0	86.3 90.0
IV 3500 3000	92.0 93.6	92.6 94.2	92.7 94.3	92.7 94.3	92.8 94.7	92.8 94.7	92.8 94.7	92.8 94.7	92.8 94.7	92.8 94.7	92.8 94.7	92.8 94.7	92.8 94.7	92.8 94.7	92.8 94.7	92.8 94.7
IV 2500 2000	94.3 95.4	94.1 96.2	95.2 96.3	95.3 96.4	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8
IV 1800 1500	95.8 96.7	96.6 97.0	96.7 98.1	96.8 98.3	97.1 98.7	97.1 98.7	97.1 98.7	97.1 98.7	97.1 98.7	97.1 98.7	97.1 98.7	97.1 98.7	97.1 98.7	97.1 98.7	97.1 98.7	97.1 98.7
IV 1200 1000	96.9 97.1	98.2 98.4	98.3 98.7	98.6 98.9	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6
IV 900 800	97.1 97.1	98.7 98.7	98.9 98.9	99.1 99.1	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
IV 700 600	97.1 97.1	98.8 98.8	99.0 99.0	99.2 99.2	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 500 400	97.1 97.1	98.8 98.8	99.0 99.0	99.2 99.2	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 200	97.1 97.1	98.8 98.8	99.0 99.0	99.2 99.2	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	97.1 97.1	98.8 98.8	99.0 99.0	99.2 99.2	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26202
STATIONDUSTMAN WELLS NUT DOT APT
STATION NAME

57-66

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1600-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 20000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 12000	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 10000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000	77.8	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 6000	81.2	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4500	88.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	92.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	93.4	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	94.7	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	95.0	95.4	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0
≥ 2000	95.7	96.4	96.4	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	95.9	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	96.2	97.1	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	96.4	97.3	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	96.7	97.7	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	96.7	97.8	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	96.7	97.8	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	97.0	98.1	98.9	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.0	98.1	98.9	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.0	98.1	98.9	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.0	98.1	98.9	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.0	98.1	98.9	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.0	98.1	98.9	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.0	98.1	98.9	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.0	98.1	98.9	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20202
STATION

NORMAN WELLS NUT DDT APT
STATION NAME

57-66
YEARS

REARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	59.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 16000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 14000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 12000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 9000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	91.9	92.6	92.9	92.8	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	92.8	93.6	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	94.0	95.2	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	94.7	95.9	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	95.1	96.3	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	95.7	96.4	97.1	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	95.2	96.6	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	95.7	97.0	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	95.7	97.8	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	95.7	97.2	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	95.2	97.8	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	96.3	97.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	96.3	97.9	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	96.3	97.9	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.3	97.9	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.3	97.9	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.3	97.9	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.3	97.9	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.3	97.9	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

20202
STATION

NORMAN WELLS NWT DDT APT
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 20000	47.8	47.8	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 16000	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 10000	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 9000	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 8000	70.6	70.6	70.6	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	77.3	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	82.0	82.3	82.3	82.4	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	83.1	83.5	83.5	83.7	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000	86.9	87.6	87.6	87.7	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	88.9	89.8	89.8	89.9	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	91.2	92.5	92.5	92.6	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	92.9	94.7	94.8	94.9	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	93.3	95.4	95.5	95.6	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	93.4	95.7	95.8	95.9	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	94.0	96.3	96.5	96.6	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	94.0	96.6	96.8	97.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	94.3	97.4	97.7	98.4	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	94.5	97.7	98.2	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	94.5	97.7	98.2	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	94.6	97.8	98.3	99.0	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	94.6	98.0	98.4	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	94.6	98.0	98.4	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	94.6	98.0	98.4	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	94.6	98.0	98.4	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	94.6	98.0	98.4	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	94.6	98.0	98.4	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	94.6	98.0	98.4	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 730

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/1AC

CEILING VERSUS VISIBILITY

76202
STATION

WILSON WELLS INT. APT
STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.7	43.7	43.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0
≥ 20000	48.9	48.9	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2
IV 18000	49.1	49.1	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5
IV 16000	49.1	49.1	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5
IV 14000	49.6	49.6	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9
IV 12000	51.8	51.8	51.9	51.9	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3
IV 10000	58.7	58.7	58.8	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
IV 9000	63.4	63.4	63.5	63.5	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1
IV 8000	71.0	71.2	71.3	71.3	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
IV 7000	75.2	75.4	75.5	75.6	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1
IV 6000	76.5	76.7	76.8	76.9	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4
IV 5000	81.1	81.3	81.4	81.5	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0
IV 4500	82.9	83.4	83.5	83.7	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
IV 4000	85.4	86.0	86.1	86.2	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8
IV 3500	87.5	87.5	87.6	87.7	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
IV 3000	90.6	90.6	90.8	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
IV 2500	90.9	92.3	92.5	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.2	93.2
IV 2000	92.3	93.8	94.0	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.8	94.8
IV 1800	92.5	94.0	94.2	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.2	95.2
IV 1500	92.8	94.5	94.7	94.9	95.1	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.7	95.7
IV 1200	93.3	95.3	95.6	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.8	96.8
IV 1000	93.7	95.7	96.0	96.5	96.6	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.2	97.2
IV 900	93.9	95.9	96.2	96.7	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.4	97.4
IV 800	94.2	96.2	96.7	97.1	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.8	97.8
IV 700	94.7	96.8	97.2	97.7	97.8	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6
IV 600	94.8	96.9	97.3	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.8	98.8
IV 500	95.2	97.3	97.7	98.4	98.5	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.2	99.2
IV 400	95.2	97.3	97.7	98.4	98.5	98.7	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.4	99.4
IV 300	95.2	97.3	97.7	98.4	98.6	98.8	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.8	99.8
IV 200	95.2	97.3	97.7	98.4	98.6	98.8	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.5	99.9	99.9
IV 100	95.2	97.3	97.7	98.4	98.6	98.8	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.5	99.9	99.9
IV 0	95.2	97.3	97.7	98.4	98.6	98.8	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

20202
STATION

NORTH WELLS NAT UNL APT
STATION NAME

57-66
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS UTC

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 20000	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV ≥ 18000	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV ≥ 16000	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV ≥ 14000	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV ≥ 12000	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV ≥ 10000	58.5	58.9	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV ≥ 9000	64.0	64.5	64.5	64.5	64.6	64.6	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV ≥ 8000	70.4	71.0	71.0	71.0	71.1	71.1	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV ≥ 7000	74.1	74.6	74.6	74.6	74.7	74.7	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV ≥ 6000	75.5	76.0	76.0	76.0	76.1	76.1	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV ≥ 5000	78.5	79.0	79.0	79.0	79.1	79.1	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV ≥ 4500	79.8	80.4	80.4	80.4	80.5	80.5	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV ≥ 4000	82.9	83.7	83.7	83.7	83.9	83.9	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV ≥ 3500	84.8	85.6	85.6	85.7	85.8	85.8	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV ≥ 3000	87.0	87.8	87.8	88.0	88.2	88.2	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV ≥ 2500	88.5	89.7	89.7	89.8	90.0	90.0	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV ≥ 2000	89.5	91.0	91.0	91.2	91.4	91.4	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV ≥ 1800	91.8	91.3	91.3	91.6	91.8	91.8	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV ≥ 1500	91.0	92.7	92.7	93.0	93.2	93.2	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV ≥ 1200	91.7	93.4	93.4	93.8	94.0	94.0	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV ≥ 1000	92.7	94.5	94.5	94.8	95.1	95.1	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV ≥ 900	93.2	95.4	95.6	95.9	96.1	96.1	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV ≥ 800	93.3	95.9	96.3	96.8	97.0	97.0	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV ≥ 700	93.4	96.1	96.7	97.1	97.3	97.3	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV ≥ 600	93.4	96.3	96.9	97.4	97.8	98.0	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV ≥ 500	93.5	96.5	97.0	97.5	98.0	98.1	98.8	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV ≥ 400	93.7	96.6	97.1	97.6	98.2	98.3	99.0	99.1	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV ≥ 300	93.7	96.6	97.1	97.6	98.3	98.4	99.1	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 200	93.7	96.6	97.1	97.7	98.4	98.5	99.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 100	93.7	96.6	97.1	97.7	98.4	98.5	99.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 0	93.7	96.6	97.1	97.7	98.4	98.5	99.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 101-64 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

26202
STATION

WHEELS NWT DNT APT
STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.125	≥0
NO CEILING	45.4	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 16000	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 14000	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 10000	61.4	61.9	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 9000	66.5	67.3	67.3	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 8000	71.4	72.3	72.3	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	73.3	74.2	74.2	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000	75.5	76.3	76.3	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	78.7	79.6	79.6	79.6	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	79.4	80.3	80.3	80.3	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	82.3	83.2	83.2	83.2	83.2	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	84.7	85.8	85.8	85.8	85.8	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	87.3	88.5	88.5	88.5	88.5	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	89.8	91.4	91.4	91.5	91.5	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	91.0	92.7	92.7	93.0	93.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	91.3	93.0	93.0	93.4	93.4	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	92.4	94.2	94.2	94.6	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	93.3	95.3	95.3	95.7	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	94.3	96.5	96.5	96.9	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	94.5	96.7	96.7	97.1	97.1	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	95.1	97.3	97.3	97.7	97.7	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	95.2	97.5	97.7	98.2	98.2	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	95.3	98.0	98.3	98.7	98.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.3	98.1	98.4	98.8	98.8	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	95.4	98.2	98.5	98.9	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.4	98.2	98.5	98.9	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.4	98.2	98.5	98.9	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.4	98.2	98.5	98.9	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.4	98.2	98.5	98.9	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

MORMON WELLS NWT DIST APT
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	43.4	43.6	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	49.8	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000	50.1	50.4	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 16000	50.4	50.8	50.8	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 14000	51.7	52.0	52.0	52.0	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	56.1	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	62.4	62.9	62.9	62.9	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	66.3	66.9	66.9	66.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 8000	70.2	70.8	70.8	70.8	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	73.2	73.8	73.8	73.8	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	75.4	75.9	75.9	75.9	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	80.4	81.0	81.0	81.0	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	82.9	83.4	83.4	83.4	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	85.7	86.3	86.3	86.3	86.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	91.8	92.6	92.6	92.6	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	93.3	94.3	94.4	94.4	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	94.3	95.4	95.7	95.9	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	94.4	95.7	96.0	96.2	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	94.8	96.2	96.6	96.8	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	95.2	96.7	97.0	97.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	95.6	97.2	97.5	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	95.6	97.3	97.7	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	95.9	98.2	98.6	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	96.0	98.3	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	96.0	98.5	98.9	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.0	98.5	98.9	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.0	98.5	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.0	98.6	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.0	98.6	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.0	98.6	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.0	98.6	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

26202

LIFTON WELLS DUT DUT API

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	41.3	41.3	41.3	41.3	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
IV 20000	48.4	48.5	48.5	48.5	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 18000	48.5	48.6	48.6	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 16000	48.9	49.0	49.0	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 14000	49.7	49.8	49.8	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 12000	52.4	52.5	52.5	52.5	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 10000	60.0	60.1	60.1	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 9000	65.9	66.0	66.0	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 8000	71.0	71.2	71.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 7000	74.5	75.2	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 6000	76.9	77.5	77.5	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 5000	81.1	81.8	81.8	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 4500	83.3	84.1	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4000	87.2	88.5	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 3500	91.9	91.2	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3000	92.7	94.1	94.2	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2500	94.3	95.9	96.1	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2000	95.1	95.7	96.9	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1800	95.8	97.4	97.6	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	96.1	97.8	98.1	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	98.2	98.5	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	98.3	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	98.3	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	98.3	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	98.3	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	98.3	98.8	99.2	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.3	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE SERVICE/AC

CEILING VERSUS VISIBILITY

20202
STATION

WELLS INT. PT. APT
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	41.8	41.8	41.8	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000	46.9	46.9	46.9	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 18000	47.0	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 16000	47.4	47.4	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 14000	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 12000	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 10000	60.1	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 9000	64.7	64.8	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 8000	72.0	72.3	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 7000	76.2	76.6	76.6	76.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 6000	80.1	80.5	80.5	80.5	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 5000	83.6	84.3	84.3	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4500	84.5	85.3	85.3	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 4000	88.4	89.7	89.7	89.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 3500	91.8	91.1	91.1	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 3000	91.9	93.3	93.3	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 2500	93.0	94.6	94.7	94.7	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2000	93.7	95.4	95.7	95.8	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	93.9	95.7	95.0	96.1	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1500	94.2	96.0	96.3	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1200	94.6	96.7	97.0	97.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	95.1	97.3	97.6	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	95.1	97.4	97.7	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	95.4	98.0	98.5	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	95.4	98.0	98.5	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	95.4	98.0	98.5	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	95.4	98.0	98.5	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	95.4	98.0	98.5	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	95.5	98.1	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.5	98.1	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.5	98.1	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.5	98.1	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

26202
STATION

MURKIN WALLS NWT DOT APT
STATION NAME

57-66
YEARS

100
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	48.6	48.7	48.7	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥20000	49.6	49.7	49.7	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 18000	49.7	49.8	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1
IV 16000	49.7	49.8	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1
IV 14000	50.3	50.4	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.8
IV 12000	51.9	52.0	52.0	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5
IV 10000	60.0	60.1	60.1	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5
IV 9000	64.1	64.3	64.3	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
IV 8000	67.8	68.1	68.1	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5
IV 7000	72.8	73.0	73.0	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
IV 6000	74.4	74.6	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1
IV 5000	79.5	79.9	79.9	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
IV 4500	81.9	82.5	82.5	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
IV 4000	85.1	86.0	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
IV 3500	86.7	87.7	87.7	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
IV 3000	92.2	92.4	92.4	92.5	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
IV 2500	92.8	94.4	94.4	94.5	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
IV 2000	93.7	95.3	95.3	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
IV 1800	94.4	96.2	96.2	96.3	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
IV 1500	94.4	96.2	96.2	96.3	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
IV 1200	94.4	96.2	96.2	96.3	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
IV 1000	95.1	97.4	97.4	97.6	97.6	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
IV 900	95.1	97.4	97.4	97.6	97.6	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
IV 800	95.2	97.5	97.5	97.6	97.6	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
IV 700	95.2	97.5	97.5	97.6	97.6	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
IV 600	95.3	97.6	97.6	97.8	97.8	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
IV 500	95.4	97.7	97.7	97.9	97.9	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
IV 400	95.5	97.8	97.8	98.0	98.0	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 300	95.6	97.9	97.9	98.1	98.1	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
IV 200	95.6	97.9	97.9	98.1	98.1	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
IV 100	95.6	97.9	97.9	98.1	98.1	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
IV 0	95.6	97.9	97.9	98.1	98.1	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

20202

SHEPHERD WELLS NWT UNIT APT

57-66

YEARS

M/G

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	46.2	45.2	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 18000	47.8	47.8	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 16000	48.1	48.1	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 14000	48.8	48.8	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 12000	50.5	50.5	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000	55.9	55.9	56.2	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 9000	60.5	60.5	60.9	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	66.8	66.9	67.2	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	71.4	71.5	71.8	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	72.4	72.5	72.8	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	76.3	76.6	76.9	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	78.5	78.7	79.0	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000	81.8	82.0	82.4	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	84.4	84.8	85.3	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	87.3	87.6	88.5	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	88.6	89.6	90.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	89.7	90.8	91.5	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	90.9	91.2	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	91.2	92.7	93.7	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	91.5	93.4	94.4	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	92.4	94.5	95.6	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	92.4	94.5	95.7	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	92.4	94.5	95.8	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	92.6	94.7	96.1	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	93.0	95.3	96.7	97.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	93.3	95.7	97.4	98.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	93.3	95.7	97.4	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	93.3	95.8	97.5	98.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	93.4	95.9	97.6	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	93.4	95.9	97.6	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	93.4	95.9	97.6	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14.5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ WAG

CEILING VERSUS VISIBILITY

26202 STATION WILSON WELLS NPT DDT APT
STATION NAME

57-66

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/3	≥ 1/4	≥ 1/5	≥ 0
NO CEILING	40.1	47.3	40.3	40.4	40.5	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.9	40.9	41.0	41.2
≥ 20000	43.7	43.9	43.9	44.0	44.1	44.2	44.2	44.3	44.3	44.4	44.4	44.4	44.5	44.5	44.6	44.8
≥ 18000	43.8	44.0	44.0	44.1	44.2	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.6	44.6	44.7	44.9
≥ 16000	43.9	44.1	44.1	44.2	44.3	44.4	44.4	44.5	44.5	44.6	44.6	44.6	44.7	44.7	44.8	45.1
≥ 14000	45.2	45.4	45.4	45.5	45.6	45.7	45.7	45.8	45.8	45.9	45.9	45.9	46.0	46.0	46.1	46.3
≥ 12000	47.7	48.0	48.0	48.1	48.2	48.3	48.3	48.4	48.4	48.5	48.5	48.5	48.6	48.6	48.7	48.9
≥ 10000	53.8	54.7	54.3	54.4	54.5	54.6	54.6	54.7	54.7	54.8	54.8	54.8	54.9	54.9	55.1	55.3
≥ 9000	58.7	59.2	59.4	59.5	59.6	59.7	59.7	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.1	60.3
≥ 8000	55.4	66.1	66.3	66.5	66.6	66.7	66.7	66.8	66.8	67.0	67.0	67.0	67.3	67.3	67.5	67.7
≥ 7000	71.6	72.6	72.8	72.9	73.0	73.1	73.1	73.2	73.2	73.4	73.4	73.4	73.8	73.8	74.0	74.2
≥ 6000	72.8	73.8	74.0	74.1	74.2	74.3	74.3	74.4	74.4	74.6	74.6	74.6	74.9	75.1	75.2	75.4
≥ 5000	75.4	76.5	76.7	76.8	76.9	77.0	77.1	77.2	77.2	77.4	77.4	77.4	77.7	77.8	78.0	78.2
≥ 4500	76.1	77.4	77.6	77.7	77.8	78.0	78.1	78.2	78.2	78.4	78.4	78.4	78.7	78.8	78.9	79.1
≥ 4000	78.5	80.0	80.3	80.5	80.6	80.8	80.9	81.0	81.0	81.2	81.2	81.2	81.5	81.6	81.7	81.9
≥ 3500	80.1	81.8	82.2	82.4	82.5	82.6	82.7	82.8	82.8	83.0	83.0	83.0	83.3	83.4	83.5	83.8
≥ 3000	82.0	83.9	84.2	84.4	84.5	84.6	84.7	84.8	84.8	85.1	85.1	85.1	85.4	85.5	85.6	85.8
≥ 2500	84.4	86.9	87.2	87.4	87.5	87.6	87.7	87.8	87.8	88.1	88.1	88.1	88.4	88.5	88.6	88.8
≥ 2000	85.4	88.1	88.4	88.5	89.0	89.1	89.2	89.4	89.4	89.6	89.6	89.6	89.9	90.0	90.1	90.3
≥ 1800	85.6	88.3	88.6	89.1	89.4	89.5	89.6	89.7	89.7	89.9	89.9	89.9	90.2	90.3	90.4	90.6
≥ 1500	87.1	90.1	90.5	91.1	91.3	91.4	91.5	91.6	91.6	91.8	91.8	91.8	92.2	92.3	92.4	92.7
≥ 1200	88.0	91.1	91.6	92.3	92.6	92.7	92.8	92.9	92.9	93.1	93.1	93.1	93.4	93.5	93.7	94.0
≥ 1000	88.3	91.6	92.3	93.0	93.4	93.5	93.7	93.8	93.8	94.0	94.0	94.0	94.3	94.4	94.5	94.8
≥ 900	88.7	92.2	92.8	93.5	94.0	94.1	94.2	94.3	94.3	94.5	94.5	94.5	94.8	94.9	95.1	95.4
≥ 800	88.9	92.4	93.1	94.0	94.6	94.7	94.9	95.1	95.1	95.3	95.3	95.3	95.6	95.7	95.8	96.1
≥ 700	89.6	93.3	94.3	95.5	96.1	96.2	96.5	96.6	96.6	96.8	96.8	96.8	97.1	97.2	97.3	97.6
≥ 600	90.1	94.0	94.9	96.1	96.8	96.9	97.2	97.3	97.3	97.5	97.5	97.5	97.8	98.0	98.1	98.4
≥ 500	90.4	94.5	95.5	96.7	97.3	97.4	97.7	97.8	97.8	98.1	98.1	98.1	98.4	98.5	98.6	98.9
≥ 400	90.5	94.6	95.6	96.8	97.4	97.5	97.8	98.0	98.0	98.2	98.3	98.3	98.6	98.7	98.9	99.6
≥ 300	90.5	94.9	95.9	97.1	97.7	97.8	98.2	98.3	98.3	98.5	98.6	98.6	98.9	99.0	99.1	100.0
≥ 200	90.5	94.9	95.9	97.1	97.7	97.8	98.2	98.3	98.3	98.5	98.6	98.6	98.9	99.0	99.1	100.0
≥ 100	90.5	94.9	95.9	97.1	97.7	97.8	98.2	98.3	98.3	98.5	98.6	98.6	98.9	99.0	99.1	100.0
≥ 0	90.5	94.9	95.9	97.1	97.7	97.8	98.2	98.3	98.3	98.5	98.6	98.6	98.9	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

WORMAN WELLS NWT OUT APT
STATION NAME

57-66
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥0
NO CEILING	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.1
≥ 20000	49.1	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8
≥ 18000	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9
≥ 16000	49.5	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1
≥ 14000	50.3	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0
≥ 12000	55.3	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0
≥ 10000	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9
≥ 9000	66.5	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.5	67.5	67.5
≥ 8000	70.5	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.7	71.7	71.7
≥ 7000	73.2	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.5	74.5	74.5
≥ 6000	74.9	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.2	76.2	76.2
≥ 5000	78.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	80.1	80.1	80.1
≥ 4500	79.0	80.0	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.6	80.6	80.6
≥ 4000	80.3	81.4	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	82.2	82.2	82.2
≥ 3500	81.0	82.5	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.2	83.2	83.2
≥ 3000	83.1	84.8	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.6	85.6
≥ 2500	84.4	86.3	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	87.1	87.1	87.1
≥ 2000	85.9	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.7	88.7	88.7
≥ 1800	86.3	88.9	89.1	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7
≥ 1500	87.6	90.3	90.5	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	91.1	91.1	91.1
≥ 1200	89.0	92.0	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0
≥ 1000	90.1	93.5	94.0	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9	94.9
≥ 900	90.4	94.0	94.4	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
≥ 800	91.1	95.1	95.6	96.0	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0
≥ 700	91.4	95.7	96.2	96.8	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1
≥ 600	91.8	96.6	97.1	97.6	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9
≥ 500	92.0	97.0	97.6	98.3	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
≥ 400	92.2	97.2	97.8	98.5	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 300	92.2	97.2	97.8	98.5	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 200	92.2	97.2	97.8	98.5	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 100	92.2	97.2	97.8	98.5	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 0	92.2	97.2	97.8	98.5	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20202
STATION

WORMEN WELLS NAT INST APT
STATION NAME

57-66
YEARS

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	½	≥5/16	¼	≥0
NO CEILING	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	49.0	49.0	49.0	49.1	49.1	49.1	49.1
IV 20000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.4	54.4	54.4	54.5	54.5	54.5	54.5
IV 18000	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.5	54.5	54.5	54.6	54.6	54.6	54.6
IV 16000	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.7	54.7	54.7	54.8	54.8	54.8	54.8
IV 14000	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.9	55.9	55.9	56.0	56.0	56.0	56.0
IV 12000	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	60.2	60.2	60.2	60.3	60.3	60.3	60.3
IV 10000	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.4	67.4	67.4	67.5	67.5	67.5	67.5
IV 9000	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	70.1	70.1	70.1	70.2	70.2	70.2	70.2
IV 8000	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	74.1	74.1	74.1	74.2	74.2	74.2	74.2
IV 7000	76.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.4	77.4	77.4	77.5	77.5	77.5	77.5
IV 6000	77.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.7	78.7	78.7	78.8	78.8	78.8	78.8
IV 5000	79.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	81.1	81.1	81.1	81.2	81.2	81.2	81.2
IV 4500	80.5	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.8	81.8	81.8	81.9	81.9	81.9	81.9
IV 4000	82.2	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.5	83.5	83.5	83.7	83.7	83.7	83.7
IV 3500	83.8	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.6	85.6	85.6	85.7	85.7	85.7	85.7
IV 3000	86.7	87.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.6	88.6	88.6	88.7	88.7	88.7	88.7
IV 2500	88.8	89.6	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.8	90.8	90.8	90.9	90.9	90.9	90.9
IV 2000	90.6	91.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.6	92.6	92.6	92.7	92.7	92.7	92.7
IV 1800	91.3	92.0	92.5	92.7	92.7	92.8	92.8	92.8	92.8	93.3	93.3	93.3	93.4	93.4	93.4	93.4
IV 1500	92.5	93.3	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.6	94.6	94.6	94.7	94.7	94.7	94.7
IV 1200	93.3	94.8	95.4	95.7	95.7	95.8	95.8	95.8	95.8	96.3	96.3	96.3	96.5	96.5	96.5	96.5
IV 1000	93.8	95.6	96.2	96.7	97.0	97.1	97.1	97.1	97.1	97.6	97.6	97.6	97.7	97.7	97.7	97.7
IV 900	94.1	95.9	96.6	97.0	97.3	97.4	97.4	97.4	97.4	98.0	98.0	98.0	98.1	98.1	98.1	98.1
IV 800	94.5	96.7	97.3	97.7	98.1	98.2	98.2	98.2	98.2	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 700	94.7	97.0	97.6	98.1	98.4	98.5	98.5	98.5	98.5	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IV 600	95.2	97.4	98.1	98.5	98.9	99.0	99.0	99.0	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 500	95.3	97.5	98.2	98.6	99.1	99.2	99.2	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 400	95.3	97.5	98.2	98.6	99.1	99.2	99.2	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	95.3	97.5	98.2	98.6	99.1	99.2	99.2	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	95.3	97.5	98.2	98.6	99.1	99.2	99.2	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	95.3	97.5	98.2	98.6	99.1	99.2	99.2	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	95.3	97.5	98.2	98.6	99.1	99.2	99.2	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

WENHAM HILLS NY DGT APT
STATION NAME

57-56
YEARS

MONTH

11C
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/3	≥ 1/4	≥ 1/5	≥ 0
NO CEILING	43.3	43.3	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000	48.6	48.9	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 18000	48.7	49.0	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 16000	49.1	49.5	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 14000	50.6	51.0	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 12000	54.8	55.2	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 10000	61.3	61.6	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 9000	65.2	65.5	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 8000	69.8	70.2	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 7000	74.0	74.5	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 6000	75.3	75.8	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 5000	79.7	80.2	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 4500	82.0	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 4000	84.2	84.9	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3500	86.9	87.6	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3000	88.7	89.7	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 2500	91.0	92.0	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 2000	92.0	93.4	93.9	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1800	92.3	93.7	94.1	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1500	92.8	94.5	94.9	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200	94.2	96.0	96.5	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1000	94.6	96.8	97.2	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	94.7	97.0	97.4	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	94.7	97.1	97.5	98.5	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	94.7	97.2	97.6	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	94.7	97.2	97.7	98.7	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	94.8	97.3	97.8	98.8	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	94.8	97.3	97.8	98.8	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	94.8	97.3	97.8	98.8	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	94.8	97.3	97.8	98.8	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.8	97.3	97.8	98.8	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.8	97.3	97.8	98.8	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC

FG7M
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

NORMAN WELLS HWT DBT APT
STATION NAME

57-66
YEARS

4UG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
HOURS LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 20000	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 18000	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 16000	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 14000	48.6	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 12000	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 10000	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 9000	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 8000	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 7000	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 6000	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 5000	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 4500	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 4000	86.8	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3500	88.8	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 3000	91.1	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2500	92.5	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2000	93.8	94.6	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1800	94.2	94.8	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1500	94.8	95.4	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1200	95.7	97.2	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1000	95.8	97.4	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	95.8	97.5	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	95.8	97.7	97.8	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	95.8	97.8	98.0	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	96.1	98.2	98.3	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	96.1	98.4	98.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.1	98.4	98.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.1	98.4	98.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.1	98.4	98.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.1	98.4	98.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.1	98.4	98.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26203
STATION

TURNER WELLS NWT JNT APT
STATION NAME

57-66

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥20000	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV ≥18000	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV ≥16000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV ≥14000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV ≥12000	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV ≥10000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV ≥9000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV ≥8000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV ≥7000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV ≥6000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV ≥5000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV ≥4500	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV ≥4000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV ≥3500	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV ≥3000	90.9	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV ≥2500	92.2	94.1	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV ≥2000	93.5	95.6	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV ≥1800	93.9	95.9	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV ≥1500	94.3	96.5	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV ≥1200	94.8	97.2	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV ≥1000	95.1	97.4	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV ≥900	95.1	97.4	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV ≥800	95.2	97.6	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV ≥700	95.2	97.6	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV ≥600	95.3	98.0	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥500	95.4	98.1	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥400	95.4	98.1	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥300	95.4	98.1	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥200	95.4	98.1	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥100	95.4	98.1	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥0	95.4	98.1	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

WILSON WELLS NHT APT
STATION NAME

57-66
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 20000	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 18000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 16000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 14000	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 12000	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 10000	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 9000	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 8000	58.0	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4
IV 7000	63.2	63.2	63.2	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7
IV 6000	66.0	66.2	66.2	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7
IV 5000	71.9	72.1	72.1	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
IV 4500	73.4	73.7	73.7	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2
IV 4000	76.9	77.3	77.4	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1
IV 3500	79.0	80.3	80.4	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2
IV 3000	82.3	83.2	83.3	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
IV 2500	85.0	86.1	86.2	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3
IV 2000	86.9	88.3	88.6	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
IV 1800	87.3	89.2	89.4	90.2	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
IV 1500	89.4	91.7	92.0	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6
IV 1200	90.2	92.6	93.2	94.3	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2
IV 1000	91.1	93.6	94.2	95.3	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6
IV 900	91.2	93.8	94.6	95.9	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
IV 800	91.3	93.9	94.7	96.1	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
IV 700	91.3	93.9	94.7	96.1	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
IV 600	91.9	94.4	95.4	96.9	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
IV 500	92.1	94.7	95.7	97.1	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
IV 400	92.3	94.9	96.0	97.4	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.2
IV 300	92.8	95.4	96.8	98.2	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
IV 200	92.8	95.4	96.8	98.2	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
IV 100	92.8	95.4	96.8	98.2	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
IV 0	92.8	95.4	96.8	98.2	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATIONBUSHMAN WELLS NWT DET APT
STATION NAME

57-66

YEARS

EP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)0300-0500
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	41.4 42.6	41.8 42.9	41.8 42.9	41.9 42.9	42.0 43.1	42.0 43.1	42.0 43.1	42.0 43.1	42.0 43.1	42.0 43.1	42.0 43.1	42.0 43.1	42.0 43.1	42.0 43.1	42.0 43.1	42.1 43.2
IV 18000 IV 16000	42.7 42.7	43.0 43.0	43.0 43.0	43.0 43.0	43.2 43.2	43.2 43.2	43.2 43.2	43.2 43.2	43.2 43.2	43.2 43.2	43.2 43.2	43.2 43.2	43.2 43.2	43.2 43.2	43.2 43.2	43.3 43.3
IV 14000 IV 12000	42.9 44.6	43.2 44.9	43.2 44.9	43.2 44.9	43.4 45.1	43.4 45.1	43.4 45.1	43.4 45.1	43.4 45.1	43.4 45.1	43.4 45.1	43.4 45.1	43.4 45.1	43.4 45.1	43.4 45.1	43.6 45.2
IV 10000 IV 9000	49.8 52.2	50.2 52.7	50.2 52.7	50.2 52.7	50.4 52.9	50.4 52.9	50.4 52.9	50.4 52.9	50.4 52.9	50.4 52.9	50.4 52.9	50.4 52.9	50.4 52.9	50.4 52.9	50.4 52.9	50.6 53.0
IV 8000 IV 7000	56.1 60.8	56.6 61.2	56.7 61.3	56.7 61.4	56.9 61.7	56.9 61.7	57.0 61.8	57.0 61.8	57.0 61.8	57.0 61.8	57.0 61.8	57.0 61.8	57.0 61.8	57.0 61.8	57.0 61.8	57.1 61.9
IV 6000 IV 5000	63.1 67.2	63.6 67.7	63.7 67.8	63.8 67.9	64.0 68.1	64.0 68.1	64.1 68.2	64.1 68.2	64.1 68.2	64.1 68.2	64.1 68.2	64.1 68.2	64.1 68.2	64.1 68.2	64.1 68.2	64.2 68.3
IV 4500 IV 4000	68.8 73.2	69.2 73.7	69.3 73.8	69.4 74.2	69.7 74.4	69.7 74.4	69.8 74.6	69.8 74.6	69.8 74.6	69.8 74.6	69.8 74.6	69.8 74.6	69.8 74.6	69.8 74.6	69.8 74.6	69.9 74.7
IV 3500 IV 3000	76.0 78.8	76.4 79.3	76.6 79.4	77.0 79.9	77.3 80.3	77.3 80.3	77.4 80.4	77.4 80.4	77.4 80.4	77.4 80.4	77.4 80.4	77.4 80.4	77.4 80.4	77.4 80.4	77.4 80.4	77.6 80.7
IV 2500 IV 2000	82.3 85.0	83.1 86.0	83.2 86.2	83.7 86.8	84.2 87.6	84.2 87.6	84.3 87.7	84.3 87.7	84.3 87.7	84.3 87.7	84.3 87.7	84.3 87.7	84.3 87.7	84.3 87.7	84.3 87.7	84.6 87.9
IV 1800 IV 1500	86.3 88.6	87.3 89.7	87.8 90.1	88.4 90.9	89.3 91.9	89.3 91.9	89.4 92.0	89.4 92.0	89.4 92.0	89.4 92.0	89.4 92.0	89.4 92.0	89.4 92.0	89.4 92.0	89.4 92.0	89.7 92.2
IV 1200 IV 1000	89.9 90.1	91.6 92.1	92.1 92.8	93.3 94.2	94.3 95.2	94.3 95.2	94.4 95.3	94.4 95.3	94.4 95.3	94.4 95.3	94.4 95.3	94.4 95.3	94.4 95.3	94.4 95.3	94.4 95.3	94.7 95.6
IV 900 IV 800	90.1 90.7	92.1 92.3	92.9 93.0	94.3 94.8	95.3 95.8	95.3 95.8	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.7 96.1
IV 700 IV 600	90.3 90.7	92.6 92.9	93.2 93.7	95.0 95.6	96.0 96.6	96.0 96.6	96.1 96.8	96.1 96.8	96.1 96.8	96.1 96.8	96.1 96.8	96.1 96.8	96.1 96.8	96.1 96.8	96.1 96.8	96.3 97.0
IV 500 IV 400	90.9 91.2	93.4 93.9	94.2 94.7	96.1 96.6	97.1 97.6	97.1 97.6	97.4 97.9	97.4 98.0	97.4 98.0	97.4 98.0	97.4 98.0	97.4 98.0	97.4 98.0	97.4 98.0	97.4 98.0	97.8 98.3
IV 300 IV 200	91.3 91.3	94.0 94.0	94.8 94.8	96.7 96.7	97.7 97.8	97.7 97.8	98.1 98.2	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.2 98.3	98.0 99.3
IV 100 IV 0	91.3 91.3	94.0 94.0	94.8 94.8	96.7 96.7	97.8 97.8	97.8 97.8	98.2 98.2	98.3 98.3	98.3 98.3	98.3 98.3	98.3 98.3	98.3 98.3	98.3 98.3	98.3 98.3	98.3 98.3	98.4 100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202

NUPHON WELLS NWI DDT APT

57-60

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .2	≥ .16	≥ .1	≥ 0
NO CEILING ≥ 20000	27.4 30.0	27.7 30.9	27.7 30.9	27.7 30.9	27.9 31.1	27.9 31.1	27.9 31.1	27.9 31.2	27.9 31.2	27.9 31.6	28.4 31.8	28.4 31.8	28.4 32.1	28.8 32.1	29.0 32.4	29.7 33.0
≥ 18000 ≥ 16000	30.8 30.9	31.1 31.2	31.1 31.2	31.1 31.2	31.3 31.4	31.3 31.4	31.3 31.4	31.4 31.5	31.4 31.6	31.8 31.9	32.0 32.1	32.0 32.1	32.3 32.4	32.3 32.4	33.1 33.2	33.2 33.3
≥ 14000 ≥ 12000	32.0 33.7	32.3 34.0	32.3 34.1	32.3 34.1	32.6 34.3	32.6 34.3	32.6 34.3	32.7 34.4	32.7 34.4	33.0 34.8	33.2 35.0	33.2 35.0	33.6 35.3	33.6 35.3	34.3 36.1	34.4 36.2
≥ 10000 ≥ 9000	39.0 44.3	40.0 45.1	40.1 45.2	40.1 45.2	40.4 45.6	40.4 45.6	40.4 45.6	40.6 45.7	40.6 45.7	40.9 46.0	41.1 46.2	41.1 46.2	41.4 46.6	41.4 46.6	42.2 47.2	42.3 47.4
≥ 8000 ≥ 7000	50.3 54.7	51.1 55.4	51.2 55.6	51.2 55.6	51.6 55.9	51.6 55.9	51.8 56.1	51.9 56.2	51.9 56.2	52.2 56.6	52.4 56.8	52.4 56.8	52.8 57.1	52.8 57.1	53.7 58.0	53.8 58.1
≥ 6000 ≥ 5000	56.0 61.2	56.8 62.0	56.9 62.1	57.0 62.2	57.3 62.6	57.3 62.6	57.3 62.8	57.7 62.9	57.7 62.9	57.7 63.2	58.0 63.4	58.2 63.4	58.7 63.8	58.7 63.8	59.4 64.7	59.6 64.8
≥ 4500 ≥ 4000	62.1 65.4	62.9 66.6	63.0 66.7	63.1 66.9	63.4 67.2	63.4 67.2	63.7 67.6	63.8 67.7	63.8 67.7	64.1 68.0	64.3 68.2	64.3 68.2	64.7 68.6	64.7 68.6	65.0 69.4	65.7 69.6
≥ 3500 ≥ 3000	67.4 70.4	68.6 72.0	68.7 72.1	68.9 72.3	69.2 72.7	69.2 72.7	69.6 73.0	69.7 73.2	69.7 73.2	70.0 73.6	70.2 73.8	70.2 73.8	70.6 74.1	70.6 74.1	71.4 75.0	71.4 75.1
≥ 2500 ≥ 2000	74.7 77.9	76.4 80.1	76.7 80.4	76.9 80.8	77.3 81.7	77.3 81.8	77.8 82.2	78.2 82.7	78.2 82.7	78.6 83.0	78.9 83.3	78.9 83.3	79.2 83.7	79.2 83.7	80.1 84.7	80.2 84.8
≥ 1800 ≥ 1500	78.2 81.0	80.6 84.0	80.9 84.3	81.2 85.2	82.1 86.4	82.2 86.6	82.7 87.0	83.1 87.4	83.1 87.4	83.4 87.8	83.8 88.1	83.8 88.1	84.1 88.4	84.1 88.4	85.1 89.4	85.2 89.6
≥ 1200 ≥ 1000	81.7 82.9	85.2 86.7	85.6 87.2	86.6 88.2	88.1 90.0	88.2 90.0	88.8 90.7	89.2 91.1	89.2 91.1	89.6 91.4	89.9 91.8	89.9 91.8	90.2 92.2	90.2 92.2	91.2 93.2	91.3 93.3
≥ 900 ≥ 800	83.1 83.2	87.0 87.2	87.6 87.8	88.6 88.8	90.3 90.6	90.4 90.7	91.0 91.2	91.4 91.7	91.4 91.7	91.8 92.1	92.1 92.4	92.1 92.4	92.6 92.9	92.6 92.9	93.6 93.9	93.7 94.0
≥ 700 ≥ 600	83.6 83.0	87.9 88.0	88.4 88.6	89.7 89.9	91.9 92.1	92.0 92.2	92.7 92.9	93.1 93.3	93.1 93.3	93.6 93.8	93.9 94.1	93.9 94.1	94.3 94.6	94.3 94.6	95.3 95.6	95.4 95.7
≥ 500 ≥ 400	83.9 84.0	88.3 88.6	88.9 89.1	90.2 90.4	92.4 92.9	92.7 93.1	93.4 94.0	93.9 94.4	93.9 94.4	94.8 94.6	95.3 95.7	95.3 95.7	95.9 96.4	95.9 96.4	97.0 97.0	97.1 98.8
≥ 300 ≥ 200	84.0 84.0	88.6 88.6	89.1 89.1	90.4 90.4	92.9 92.9	93.1 93.1	94.0 94.0	94.4 94.4	94.4 94.4	94.6 94.6	95.6 95.7	96.2 96.4	96.7 96.4	96.8 97.0	97.9 97.0	98.0 98.8
≥ 100 ≥ 0	84.0 84.0	88.6 88.6	89.1 89.1	90.4 90.4	92.9 92.9	93.1 93.1	94.0 94.0	94.4 94.4	94.4 94.4	94.6 94.6	95.7 95.7	96.4 96.4	96.4 97.0	97.0 97.0	98.0 98.8	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

26202
STATION

WELLS NEWBURY AFB
STATION NAME

57-66
YEARS

EP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0.16	≥ 0	≥ 0
NO CEILING ≥ 20000	26.6	26.6	26.6	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9	26.9	27.2
≥ 18000	31.2	31.2	31.2	31.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.8
≥ 16000	31.5	31.5	31.5	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	32.2
≥ 14000	32.5	32.5	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.9	32.9	33.2
≥ 12000	35.2	35.2	35.2	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.9
≥ 10000	40.9	40.9	40.9	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.5
≥ 9000	45.3	45.3	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.9	45.9	46.2
≥ 8000	52.0	52.0	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.6	52.6	52.9
≥ 7000	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3	57.8
≥ 6000	59.2	59.2	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.8	59.8	60.1
≥ 5000	61.6	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.4
≥ 4500	62.7	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.4	63.4	63.7
≥ 4000	65.1	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.8	65.8	66.6
≥ 3500	66.5	66.5	66.5	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.6	67.6	67.9
≥ 3000	71.7	71.7	71.7	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.1	73.1	73.4
≥ 2500	77.5	77.5	77.5	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	79.3	79.3	79.7
≥ 2000	79.8	79.8	79.8	79.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	82.6	82.6	83.0
≥ 1800	80.1	80.1	80.1	80.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	83.0	83.0	83.3
≥ 1500	82.4	82.4	82.4	82.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	86.4	86.4	86.7
≥ 1200	83.1	83.1	83.1	83.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	88.2	88.2	88.5
≥ 1000	84.1	84.1	84.1	84.1	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	90.3	90.3	90.6
≥ 900	84.5	84.5	84.5	84.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	91.2	91.2	91.5
≥ 800	85.9	85.9	85.9	85.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	93.5	93.5	94.0
≥ 700	86.1	86.1	86.1	86.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	94.9	94.9	95.2
≥ 600	86.2	86.2	86.2	86.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	95.3	95.3	95.7
≥ 500	86.7	86.7	86.7	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	96.9	96.9	97.6
≥ 400	86.7	86.7	86.7	86.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	97.0	97.0	97.8
≥ 300	86.7	86.7	86.7	86.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	97.3	97.3	98.1
≥ 200	86.7	86.7	86.7	86.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	97.9	97.9	98.8
≥ 100	86.7	86.7	86.7	86.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	98.3	98.3	99.2
≥ 0	86.7	86.7	86.7	86.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

898

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

WIKIWAH WELLS WNT DET APT
STATION NAME

57-66
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3
≥ 20000	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8	40.8
IV 18000	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0
IV 16000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.1	41.1
IV 14000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8
IV 12000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0
IV 10000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
IV 9000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7
IV 8000	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9
IV 7000	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0
IV 6000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7
IV 5000	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9
IV 4500	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3
IV 4000	72.1	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5
IV 3500	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0
IV 3000	79.4	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
IV 2500	84.8	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8
IV 2000	86.8	87.7	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5
IV 1800	88.0	88.9	89.1	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9	89.9
IV 1500	90.4	91.1	91.4	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8
IV 1200	91.0	93.0	93.3	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8
IV 1000	92.1	94.2	94.6	95.9	96.7	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
IV 900	92.2	94.3	94.8	95.1	97.0	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
IV 800	92.5	94.8	95.2	96.5	97.5	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
IV 700	92.5	95.0	95.5	97.0	98.0	98.1	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
IV 600	92.5	95.0	95.5	97.3	98.3	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 500	92.5	95.0	95.5	97.3	98.4	98.6	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
IV 400	92.5	95.0	95.8	97.5	98.8	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 300	92.5	95.0	95.8	97.5	98.8	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 200	92.5	95.0	95.8	97.5	98.8	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 100	92.5	95.0	95.8	97.5	98.8	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 0	92.5	95.0	95.8	97.5	98.8	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

197

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

26202
STATION

WELLS AIR FORT APT
STATION NAME

57-66
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 20000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
IV 18000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 16000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
IV 14000	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
IV 12000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
IV 10000	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 9000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 8000	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 7000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 6000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 5000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 4500	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 4000	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3500	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 3000	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 2500	87.9	87.7	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 2000	90.3	91.4	91.8	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
IV 1800	90.7	91.8	92.1	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
IV 1500	92.3	93.6	94.1	94.3	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
IV 1200	93.6	95.0	95.6	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
IV 1000	94.3	96.1	96.8	97.3	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	94.7	96.6	97.3	97.7	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	94.8	96.8	97.7	98.2	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	94.8	96.9	97.8	98.3	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	94.8	96.9	97.9	98.6	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	94.8	96.9	97.9	98.6	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	94.8	96.9	97.9	98.6	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	94.8	96.9	97.9	98.6	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	94.8	96.9	97.9	98.6	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	94.8	96.9	97.9	98.6	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	94.8	96.9	97.9	98.6	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

76202
STATION

WILMINGTON WELLS NWT UNIT APT
STATION NAME

57-66

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥20000	47.9	38.0	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
IV 18000	39.1	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
IV 16000	38.3	38.4	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
IV 14000	38.9	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 12000	40.9	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 10000	45.3	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 9000	51.9	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 8000	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 7000	64.2	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 6000	65.3	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 5000	70.0	70.4	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 4500	72.3	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 4000	75.9	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 3500	78.7	79.1	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 3000	83.1	83.8	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 2500	87.8	88.8	89.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2000	90.0	91.1	91.4	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1800	90.2	91.4	91.8	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1500	91.8	93.2	93.7	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1200	93.2	95.0	95.4	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1000	93.3	95.6	96.0	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	93.3	95.6	96.1	98.1	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	93.4	95.7	96.2	98.2	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	93.4	95.7	96.2	98.4	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	93.4	95.7	96.3	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	93.4	95.7	96.3	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	93.4	95.7	96.3	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	93.4	95.7	96.3	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	93.4	95.7	96.3	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	93.4	95.7	96.3	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	93.4	95.7	96.3	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

20202
STATIONREJ-MAN WELLS INT JST APT
STATION NAME

57-66

YEARS

JFP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	¾	≥0
NO CEILING	41.0	41.1	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	42.1	42.2	42.4	42.4	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 18000	42.4	42.6	42.8	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 16000	42.7	42.8	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 14000	43.7	43.8	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 12000	44.8	44.9	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 10000	49.1	49.2	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 9000	54.6	54.7	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 8000	58.1	58.2	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 7000	63.3	63.7	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	65.4	65.6	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 5000	70.0	70.6	70.8	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4500	72.1	72.8	73.0	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	76.8	77.7	78.0	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	79.3	80.6	80.9	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	82.1	83.7	84.0	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	86.3	88.6	89.0	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	88.1	90.7	91.2	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	88.8	91.4	92.0	93.3	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	89.9	92.7	93.2	94.7	94.9	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	90.7	93.4	94.1	95.6	96.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	91.1	93.9	94.6	96.1	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	91.6	94.6	95.3	96.9	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	91.6	94.7	95.4	97.0	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	91.6	94.8	95.6	97.1	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	91.7	94.9	95.7	97.3	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	91.7	95.0	95.8	97.4	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	91.8	95.1	96.0	97.7	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	91.8	95.3	96.2	98.0	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	91.8	95.3	96.2	98.0	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.8	95.3	96.2	98.0	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.8	95.3	96.2	98.0	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

WILLOW WELLS NAT LUT APT
STATION NAME

57-66
YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅓	≥ ⅕	≥ 0
NO CEILING	29.7	27.9	30.1	30.2	31.0	31.0	31.3	31.3	31.3	31.4	31.4	31.4	31.8	31.8	32.3	32.3
≥ 20000	32.4	32.6	32.8	32.9	33.7	33.7	34.0	34.0	34.0	34.1	34.1	34.1	34.5	34.5	34.9	34.9
IV 18000	32.7	32.9	33.1	33.2	34.0	34.0	34.3	34.3	34.3	34.4	34.4	34.4	34.8	34.8	35.3	35.3
IV 16000	33.0	33.2	33.4	33.5	34.3	34.3	34.6	34.6	34.6	34.7	34.7	34.7	35.2	35.2	35.6	35.6
IV 14000	33.8	34.0	34.2	34.3	35.1	35.1	35.4	35.4	35.4	35.5	35.5	35.5	35.9	35.9	36.3	36.3
IV 12000	36.6	36.6	37.0	37.2	38.0	38.0	38.3	38.3	38.3	38.4	38.4	38.4	38.8	38.8	39.2	39.2
IV 10000	40.4	40.6	40.9	41.1	41.9	41.9	42.3	42.3	42.3	42.4	42.4	42.4	42.8	42.8	43.2	43.2
IV 9000	43.9	44.1	44.3	44.5	45.4	45.4	45.7	45.7	45.7	45.8	45.8	45.9	46.2	46.2	46.7	46.7
IV 8000	46.3	46.7	46.9	47.3	48.2	48.2	48.5	48.5	48.5	48.6	48.6	48.6	49.0	49.0	49.5	49.5
IV 7000	49.2	50.0	50.3	50.8	51.6	51.6	51.9	51.9	51.9	52.2	52.2	52.2	52.6	52.6	53.0	53.0
IV 6000	50.4	51.4	51.7	52.2	53.0	53.0	53.3	53.3	53.3	53.5	53.5	53.5	54.0	54.0	54.4	54.4
IV 5000	52.5	53.7	54.1	54.5	55.7	55.7	56.0	56.0	56.0	56.2	56.2	56.2	56.7	56.7	57.1	57.1
IV 4500	54.1	55.4	55.8	56.2	57.4	57.4	57.7	57.7	57.7	58.0	58.0	58.0	58.4	58.4	58.8	58.8
IV 4000	56.2	57.8	58.3	58.8	60.0	60.0	60.4	60.4	60.4	60.6	60.6	60.6	61.1	61.1	61.5	61.5
IV 3500	58.6	60.9	61.6	62.2	63.4	63.4	64.0	64.0	64.0	64.2	64.2	64.2	64.6	64.6	65.1	65.1
IV 3000	61.2	64.6	65.3	66.0	67.6	67.6	68.2	68.2	68.2	68.4	68.4	68.4	68.8	68.8	69.2	69.2
IV 2500	63.9	67.4	68.6	69.4	71.3	71.3	71.8	71.8	71.8	72.0	72.0	72.0	72.5	72.5	72.9	72.9
IV 2000	67.5	71.7	73.0	73.8	76.0	76.0	77.1	77.1	77.1	77.4	77.4	77.4	77.8	77.8	78.4	78.4
IV 1800	68.8	73.2	74.6	75.4	77.6	77.6	78.8	78.8	78.8	79.1	79.1	79.1	79.6	79.6	80.1	80.1
IV 1500	70.0	75.3	77.0	77.8	80.5	80.6	82.2	82.2	82.2	82.5	82.8	82.8	83.2	83.2	83.8	83.8
IV 1200	72.4	78.0	80.0	80.9	83.7	83.8	85.6	85.6	85.6	86.1	86.8	86.8	87.2	87.2	87.7	87.7
IV 1000	73.9	80.1	82.3	83.1	86.6	86.7	88.7	88.7	88.7	89.5	90.1	90.1	90.8	90.8	91.6	91.6
IV 900	74.4	81.8	83.0	83.9	87.5	87.6	89.8	89.8	89.8	90.8	91.4	91.4	92.0	92.2	93.1	93.1
IV 800	74.7	81.3	83.7	84.3	88.2	88.3	90.5	90.5	90.5	91.7	92.7	92.7	93.3	93.5	94.5	94.5
IV 700	74.7	81.4	83.8	84.5	88.3	88.4	90.9	90.9	90.9	92.0	93.0	93.0	93.8	94.0	94.9	94.9
IV 600	75.6	82.3	84.8	85.7	89.5	89.6	92.0	92.0	92.0	93.3	94.3	94.3	95.1	95.3	96.2	96.2
IV 500	75.9	83.0	85.4	86.2	90.0	90.1	92.6	92.6	92.6	93.9	94.8	94.8	95.6	95.8	96.8	96.8
IV 400	76.1	83.2	85.6	86.5	90.3	90.4	93.1	93.1	93.1	94.4	95.4	95.4	96.1	96.3	97.3	97.3
IV 300	76.2	83.7	86.1	87.1	91.0	91.1	93.8	93.8	93.8	95.1	96.0	96.0	96.8	97.0	98.0	98.0
IV 200	76.3	83.9	86.3	87.3	91.3	91.4	94.1	94.1	94.1	95.5	96.5	96.5	97.3	97.5	98.6	98.6
IV 100	76.6	84.1	86.6	87.5	91.5	91.6	94.3	94.3	94.3	95.7	96.7	96.7	97.5	97.7	98.2	98.2
IV 0	76.6	84.1	86.6	87.5	91.5	91.6	94.3	94.3	94.3	95.7	96.7	96.7	97.5	97.7	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION

35782

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20202
STATIONKORMAN WELLS NAT UNIT APT
STATION NAME

57-66

YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	27.4 30.0	28.2 30.9	28.3 31.0	28.6 31.3	29.0 31.7	29.0 31.7	29.5 32.2	29.5 32.2	29.5 32.2	29.6 32.3	29.6 32.3	29.6 32.3	29.6 32.3	30.1 32.8	30.1 32.8	30.5 33.2	30.5 33.2
IV 18000 IV 16000	30.1 30.1	31.0 31.0	31.1 31.1	31.4 31.4	31.8 31.8	31.8 31.8	32.3 32.3	32.3 32.3	32.3 32.3	32.4 32.4	32.4 32.4	32.4 32.4	32.4 32.4	32.9 32.9	32.9 32.9	33.3 33.3	33.3 33.3
IV 14000 IV 12000	30.0 32.2	31.5 33.0	31.6 33.1	31.9 33.4	32.4 33.9	32.4 33.9	32.8 34.3	32.8 34.3	32.8 34.3	32.9 34.4	32.9 34.4	32.9 34.4	32.9 34.4	33.4 34.9	33.4 34.9	33.9 35.4	33.9 35.4
IV 10000 IV 9000	37.2 39.8	38.1 40.8	38.2 40.9	38.5 41.2	38.9 41.7	38.9 41.7	39.5 42.3	39.5 42.3	39.5 42.3	39.6 42.4	39.6 42.4	39.6 42.4	39.6 42.4	40.1 42.9	40.1 42.9	40.5 43.3	40.5 43.3
IV 8000 IV 7000	42.4 44.7	44.0 46.6	44.1 46.7	44.4 47.2	44.9 47.7	44.9 47.7	45.5 48.3	45.5 48.3	45.5 48.3	45.6 48.4	45.6 48.4	45.6 48.4	45.6 48.4	46.1 49.0	46.1 49.0	46.6 49.5	46.6 49.5
IV 6000 IV 5000	45.6 48.7	47.4 50.8	47.5 50.9	48.1 51.4	48.6 51.9	48.6 51.9	49.1 52.5	49.1 52.5	49.1 52.5	49.2 52.6	49.2 52.6	49.2 52.6	49.2 52.6	49.9 53.2	49.9 53.2	50.3 53.7	50.3 53.7
IV 4500 IV 4000	51.0 52.8	53.2 55.3	53.3 55.5	53.9 56.0	54.4 56.7	54.4 56.7	55.1 57.4	55.1 57.4	55.1 57.4	55.2 57.5	55.2 57.5	55.2 57.5	55.2 57.5	55.8 58.2	55.8 58.2	56.2 58.6	56.2 58.6
IV 3500 IV 3000	55.4 58.9	58.7 63.1	58.9 63.7	59.5 64.4	60.1 65.6	60.1 65.6	60.9 66.3	60.9 66.3	60.9 66.3	61.0 66.5	61.0 66.5	61.0 66.5	61.0 66.5	61.6 67.1	61.6 67.1	62.0 67.5	62.0 67.5
IV 2500 IV 2000	61.2 63.5	65.8 68.8	66.7 69.8	67.4 70.8	69.2 73.1	69.4 73.2	70.4 74.3	70.4 74.3	70.4 74.3	70.5 74.4	70.5 74.4	70.5 74.4	70.5 74.4	71.3 75.3	71.3 75.3	71.7 75.7	71.7 75.7
IV 1800 IV 1500	64.7 67.7	70.0 73.6	71.0 75.1	71.9 76.1	74.5 78.9	74.6 79.0	75.7 80.3	75.7 80.3	75.7 80.3	75.9 80.5	75.9 80.5	75.9 80.5	75.9 80.5	76.1 80.8	76.8 81.4	77.2 81.8	77.2 81.8
IV 1200 IV 1000	69.4 71.3	76.8 78.8	78.2 80.2	79.2 81.3	82.6 84.7	82.8 84.9	84.3 86.5	84.5 86.7	84.5 86.7	84.9 87.3	85.1 87.4	85.3 87.8	85.3 87.8	85.9 88.6	85.9 88.6	86.3 89.1	86.3 89.1
IV 900 IV 800	71.8 72.8	79.7 80.6	81.1 82.0	82.3 83.3	86.2 87.3	86.6 87.6	88.3 89.5	88.5 89.7	88.5 89.7	89.1 90.3	89.2 90.4	89.7 90.9	89.7 90.9	90.4 91.6	90.4 91.6	91.2 92.4	91.2 92.4
IV 700 IV 600	73.5 74.5	81.5 82.6	83.1 84.2	84.4 85.6	88.5 89.7	88.8 90.0	90.6 91.8	90.9 92.2	90.9 92.2	91.5 92.8	91.6 93.5	92.0 93.3	92.0 93.3	92.8 94.1	92.8 94.1	93.5 94.8	93.5 94.8
IV 500 IV 400	74.9 75.2	83.1 83.4	84.7 85.1	86.1 86.6	90.2 90.6	90.5 91.0	92.4 92.9	92.8 93.3	92.8 93.3	93.4 94.1	93.5 94.2	94.0 94.6	94.0 94.6	94.7 95.4	94.7 95.4	95.6 96.2	95.6 96.2
IV 300 IV 200	75.3 75.4	83.5 83.7	85.2 85.3	87.0 87.2	91.1 91.6	91.4 91.9	93.4 94.1	93.9 94.5	93.9 94.5	94.7 95.8	95.1 96.1	95.5 96.6	95.5 96.6	96.3 97.6	96.3 97.6	97.2 98.5	97.2 98.5
IV 100 IV 0	75.4 75.4	83.7 83.7	85.3 85.3	87.2 87.2	91.6 91.6	91.9 91.9	94.1 94.1	94.5 94.5	94.5 94.5	95.9 95.9	96.3 96.3	96.8 96.8	96.8 96.8	98.1 98.1	98.1 98.1	99.1 99.7	99.1 100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION

11/87

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20202
STATIONNORMAN WELLS MILITARY APT
STATION NAME

57-66

YEARS

CT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)0600-0900
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	22.0	23.0	23.5	23.9	24.2	24.2	24.3	24.4	24.4	25.1	25.2	25.2	25.7	25.8	25.8	25.8
≥ 20000	25.1	25.5	26.0	26.3	26.7	26.7	26.8	26.9	26.9	27.6	27.7	27.7	28.4	28.5	28.5	28.5
IV 18000	25.1	25.5	26.0	26.3	26.7	26.7	26.8	26.9	26.9	27.6	27.7	27.7	28.4	28.5	28.5	28.5
IV 16000	25.1	25.5	26.0	26.3	26.7	26.7	26.8	26.9	26.9	27.6	27.7	27.7	28.4	28.5	28.5	28.5
IV 14000	25.1	25.5	26.0	26.3	26.7	26.7	26.8	26.9	26.9	27.6	27.7	27.7	28.4	28.5	28.5	28.5
IV 12000	26.1	26.6	27.1	27.4	27.7	27.7	27.8	28.0	28.0	28.7	28.8	28.8	29.5	29.6	29.6	29.6
IV 10000	30.6	31.3	31.8	32.2	32.5	32.5	32.9	33.0	33.0	33.8	33.9	33.9	34.5	34.6	34.6	34.6
IV 9000	33.8	34.5	35.1	35.4	35.3	35.9	36.3	36.5	36.5	37.2	37.3	37.3	38.0	38.1	38.1	38.1
IV 8000	36.6	37.7	38.3	38.6	39.4	39.5	39.9	40.0	40.0	40.8	40.9	40.9	41.5	41.6	41.6	41.6
IV 7000	38.7	40.0	40.5	40.9	41.7	41.8	42.4	42.5	42.5	43.2	43.3	43.3	44.0	44.1	44.1	44.1
IV 6000	39.6	40.9	41.4	41.7	42.6	42.7	43.2	43.3	43.3	44.1	44.2	44.2	44.8	44.9	44.9	44.9
IV 5000	41.1	42.5	43.1	43.5	44.4	44.6	45.2	45.3	45.3	46.0	46.1	46.1	46.8	46.9	46.9	46.9
IV 4500	42.6	44.8	45.5	45.9	46.8	47.0	47.5	47.6	47.6	48.4	48.5	48.5	49.1	49.2	49.2	49.2
IV 4000	44.6	47.2	48.0	48.4	49.2	49.5	50.0	50.2	50.2	51.0	51.1	51.1	51.7	51.8	51.8	51.8
IV 3500	47.0	50.3	51.3	51.7	52.7	52.9	53.4	53.7	53.7	54.4	54.5	54.5	55.2	55.3	55.3	55.3
IV 3000	51.5	55.3	56.6	57.1	58.3	58.5	59.5	59.7	59.7	60.4	60.5	60.5	61.2	61.3	61.3	61.3
IV 2500	54.8	59.5	60.9	61.6	63.3	63.5	64.7	64.9	64.9	65.9	66.0	66.0	66.7	66.8	66.8	66.8
IV 2000	58.1	63.4	65.1	66.2	68.5	68.9	70.2	70.5	70.5	71.5	71.8	71.8	72.5	72.6	72.6	72.6
IV 1800	58.7	64.1	65.7	67.0	69.4	69.9	71.2	71.5	71.5	72.5	72.8	72.8	73.4	73.5	73.5	73.5
IV 1500	62.6	68.8	70.5	71.9	73.2	76.0	77.4	77.8	77.8	78.8	79.1	79.1	79.8	79.9	79.9	79.9
IV 1200	66.2	73.3	75.2	76.7	80.1	81.2	82.9	83.4	83.4	84.6	84.9	84.9	85.6	85.7	85.7	85.7
IV 1000	67.5	75.3	77.2	78.8	82.6	83.8	86.0	86.9	87.0	88.2	88.7	88.8	89.5	89.6	89.6	89.6
IV 900	67.7	75.7	77.6	79.6	83.5	84.7	87.2	88.1	88.2	89.4	89.9	90.0	90.6	90.8	90.8	90.8
IV 800	68.3	77.0	79.0	81.1	85.1	86.2	88.7	89.6	89.7	90.9	91.4	91.5	92.2	92.3	92.3	92.3
IV 700	68.9	77.2	79.9	81.9	86.0	87.2	89.7	90.5	90.6	91.8	92.4	92.5	93.1	93.2	93.3	93.3
IV 600	69.2	78.6	80.6	82.7	86.8	88.0	90.4	91.3	91.4	92.6	93.1	93.2	93.9	94.0	94.1	94.1
IV 500	69.8	79.4	81.4	83.4	88.1	89.4	91.8	92.7	92.8	94.1	94.8	94.9	95.8	95.9	96.0	96.0
IV 400	70.1	80.0	82.0	84.1	88.7	90.0	92.6	93.4	93.5	94.9	95.8	95.9	97.0	97.2	97.3	97.3
IV 300	70.1	80.0	82.4	84.4	89.0	90.3	93.0	93.9	94.1	96.0	97.3	97.4	98.6	98.8	99.0	99.0
IV 200	70.1	80.0	82.4	84.4	89.0	90.3	93.0	93.9	94.1	96.0	97.3	97.4	98.6	98.8	99.0	99.0
IV 100	70.1	80.0	82.4	84.4	89.0	90.3	93.0	93.9	94.1	96.0	97.3	97.4	98.6	98.8	99.0	99.0
IV 0	70.1	80.0	82.4	84.4	89.0	90.3	93.0	93.9	94.1	96.0	97.3	97.4	98.6	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

WURNAN WELLS AWT OUT APT
STATION NAME

57-66

YEARS

1CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.2	25.3	25.6	25.7	25.7	25.7	25.7	25.7	25.7	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 20000	28.3	29.7	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.6	30.6	30.6	30.6	30.6	30.6	30.6
IV 18000	28.4	29.8	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.8	30.8	30.8	30.8	30.8	30.8	30.8
IV 16000	28.9	30.3	30.6	30.8	30.8	30.8	30.8	30.8	30.8	31.3	31.3	31.3	31.3	31.3	31.3	31.3
IV 14000	29.2	30.6	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.6	31.6	31.6	31.6	31.6	31.6	31.6
IV 12000	30.4	31.8	32.4	32.5	32.5	32.7	32.8	32.8	32.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3
IV 10000	33.9	35.5	36.0	36.3	36.5	36.7	36.9	36.9	36.9	37.4	37.4	37.4	37.5	37.5	37.5	37.5
IV 9000	37.1	38.8	39.6	40.1	40.2	40.4	40.9	40.9	40.9	41.5	41.5	41.5	41.6	41.6	41.6	41.6
IV 8000	41.7	43.9	44.8	45.8	46.0	46.2	46.8	46.8	46.8	47.4	47.4	47.4	47.5	47.5	47.5	47.5
IV 7000	43.5	45.8	46.8	47.7	48.0	48.2	48.7	48.8	48.8	49.6	49.6	49.6	49.7	49.7	49.7	49.7
IV 6000	44.5	46.8	47.7	48.7	48.9	49.1	49.7	49.8	49.8	50.5	50.5	50.5	50.6	50.6	50.8	50.8
IV 5000	45.6	47.8	48.8	49.8	50.0	50.2	50.9	51.0	51.0	51.7	51.7	51.7	51.8	51.8	51.9	51.9
IV 4500	46.0	48.3	49.2	50.2	50.4	50.6	51.3	51.4	51.4	52.2	52.2	52.2	52.3	52.3	52.4	52.4
IV 4000	48.2	51.1	52.2	53.2	53.5	53.8	54.4	54.5	54.5	55.3	55.3	55.3	55.4	55.4	55.5	55.5
IV 3500	50.1	53.4	54.5	55.8	56.2	56.5	57.1	57.2	57.2	58.0	58.0	58.0	58.1	58.1	58.2	58.2
IV 3000	53.9	57.5	58.9	60.3	61.0	61.3	61.9	62.2	62.3	63.0	63.0	63.0	63.1	63.1	63.2	63.2
IV 2500	58.1	62.2	63.7	65.5	66.1	66.8	67.6	68.0	68.1	68.8	68.9	68.9	69.0	69.0	69.1	69.1
IV 2000	61.5	66.3	67.8	69.7	70.4	71.2	72.3	72.9	73.0	73.8	73.9	73.9	74.0	74.0	74.1	74.1
IV 1800	62.3	67.4	68.9	70.8	71.5	72.3	73.4	74.1	74.2	74.9	75.1	75.1	75.2	75.2	75.3	75.3
IV 1500	63.7	71.3	72.9	75.1	75.9	76.7	78.5	79.2	79.4	80.2	80.3	80.4	80.8	80.8	80.9	80.9
IV 1200	68.2	74.4	76.1	78.6	79.6	80.3	82.3	83.0	83.1	84.0	84.1	84.2	84.5	84.5	84.6	84.6
IV 1000	69.8	76.5	78.5	81.4	82.6	83.4	85.6	86.5	86.6	87.6	87.8	88.6	89.2	89.2	89.4	89.4
IV 900	70.5	77.5	79.7	82.7	84.0	84.8	87.0	88.0	88.1	89.1	89.5	90.2	91.0	91.0	91.1	91.1
IV 800	71.2	79.0	81.4	84.6	86.0	86.9	89.4	90.3	90.4	91.5	91.8	92.6	93.4	93.4	93.5	93.5
IV 700	71.8	80.0	82.4	85.6	87.1	88.1	90.6	91.6	91.7	92.8	93.2	94.0	94.8	94.8	94.9	94.9
IV 600	72.4	80.6	83.0	86.2	88.1	89.0	91.6	92.6	92.7	93.9	94.4	95.2	96.0	96.0	96.1	96.1
IV 500	72.5	81.1	83.4	86.8	88.7	89.7	92.3	93.2	93.3	94.6	95.8	96.6	97.5	97.6	97.7	97.7
IV 400	72.5	81.2	83.5	86.9	88.8	89.8	92.4	93.3	93.4	94.7	96.0	96.8	98.1	98.2	98.3	98.3
IV 300	72.6	81.3	83.7	87.0	88.9	89.9	92.5	93.7	93.8	95.3	96.8	97.6	98.9	99.1	99.3	99.3
IV 200	72.6	81.3	83.7	87.0	88.9	89.9	92.5	93.7	93.8	95.4	96.9	97.7	99.0	99.3	99.9	99.9
IV 100	72.6	81.3	83.7	87.0	88.9	89.9	92.5	93.8	93.9	95.5	97.0	97.8	99.1	99.6	100.0	100.0
IV 0	72.6	81.3	83.7	87.0	88.9	89.9	92.5	93.8	93.9	95.5	97.0	97.8	99.1	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

76252 HEDMAN WELLS NUT DIRT APT
STATION STATION NAME

57-66

YEARS

1967
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1200-1400
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	31.0	31.4	31.6	32.0	32.2	32.2	32.2	32.2	32.3	32.4	32.4	32.5	32.5	32.5	32.5	32.5
≥20000	34.3	34.7	34.9	35.5	35.6	35.6	35.6	35.7	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9
IV 18000	34.5	34.9	35.2	35.7	35.8	35.8	35.8	35.9	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1
IV 16000	35.2	35.6	35.8	36.3	36.5	36.5	36.5	36.6	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8
IV 14000	36.2	36.7	36.9	37.4	37.5	37.5	37.5	37.6	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8
IV 12000	38.2	38.6	38.8	39.4	39.6	39.6	39.7	39.7	39.8	39.9	39.9	40.0	40.0	40.0	40.0	40.0
IV 10000	41.4	42.4	42.6	43.1	43.4	43.5	43.7	43.7	43.8	43.9	43.9	44.0	44.0	44.0	44.0	44.0
IV 9000	46.5	47.8	48.2	48.8	49.2	49.4	49.5	49.5	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8
IV 8000	50.2	51.7	52.4	53.0	53.7	53.8	53.9	53.9	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2
IV 7000	51.9	53.4	54.1	54.9	55.6	55.7	55.9	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2
IV 6000	52.8	54.5	55.2	56.0	56.7	56.8	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3
IV 5000	55.2	56.9	57.5	58.4	59.0	59.1	59.4	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7
IV 4500	55.7	57.4	58.1	59.0	59.7	59.8	60.0	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3
IV 4000	58.0	60.2	60.9	61.9	62.6	62.7	62.9	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2
IV 3500	60.3	62.8	63.5	64.8	65.5	65.6	65.8	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2
IV 3000	63.8	66.5	67.3	68.7	69.4	69.5	69.7	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2
IV 2500	66.9	70.4	71.3	72.9	73.7	74.1	74.4	74.7	74.8	74.9	74.9	75.1	75.3	75.3	75.3	75.3
IV 2000	70.4	74.5	75.4	77.4	78.3	78.8	79.4	79.8	79.9	80.0	80.2	80.3	80.5	80.5	80.5	80.5
IV 1800	71.5	75.6	76.5	78.5	79.4	79.9	80.4	80.9	81.0	81.1	81.3	81.4	81.6	81.6	81.6	81.6
IV 1500	73.7	78.2	79.1	81.2	82.2	82.8	83.4	84.1	84.2	84.4	84.6	84.7	85.1	85.1	85.1	85.1
IV 1200	76.6	81.5	82.6	84.9	86.1	86.8	87.5	88.3	88.4	88.8	89.0	89.1	89.6	89.6	89.6	89.6
IV 1000	78.0	83.0	84.2	86.8	88.4	89.2	90.0	90.8	90.9	91.3	91.6	92.3	92.7	92.7	92.7	92.7
IV 900	78.5	83.9	85.1	87.6	89.5	90.4	91.2	91.9	92.0	92.6	92.9	93.8	94.2	94.2	94.2	94.2
IV 800	79.4	84.9	86.1	88.7	90.6	91.6	92.4	93.1	93.2	93.8	94.2	95.1	95.6	95.6	95.6	95.6
IV 700	80.1	85.6	87.2	89.8	91.7	92.7	93.4	94.2	94.3	94.8	95.5	96.4	97.0	97.0	97.0	97.0
IV 600	80.4	86.6	87.8	90.4	92.6	93.5	94.3	95.2	95.3	95.8	96.6	97.5	98.1	98.1	98.1	98.1
IV 500	80.5	86.7	88.0	90.5	92.8	93.8	94.7	95.6	95.7	96.6	97.7	98.7	99.2	99.2	99.2	99.2
IV 400	80.8	86.9	88.2	90.9	93.1	94.1	95.1	95.9	96.0	96.9	98.1	99.0	99.6	99.6	99.6	99.6
IV 300	80.9	87.0	88.3	91.0	93.2	94.2	95.2	96.0	96.1	97.1	98.3	99.2	99.9	99.9	99.9	99.9
IV 200	80.9	87.0	88.3	91.0	93.2	94.3	95.3	96.1	96.2	97.2	98.4	99.4	100.0	100.0	100.0	100.0
IV 100	80.9	87.0	88.3	91.0	93.2	94.3	95.3	96.1	96.2	97.2	98.4	99.4	100.0	100.0	100.0	100.0
IV 0	80.9	87.0	88.3	91.0	93.2	94.3	95.3	96.1	96.2	97.2	98.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25202
STATION

WILLOW WELLS

NEPTUNE APT
STATION NAME

57-66

YEARS

LCY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT ST

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	29.6	30.2	30.3	30.5	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 20000	35.4	35.0	36.1	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
IV 18000	35.6	36.2	36.3	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
IV 16000	36.1	36.8	36.9	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 14000	37.3	38.0	38.1	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
IV 12000	39.9	40.5	40.6	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
IV 10000	42.9	43.8	44.1	44.4	44.8	44.8	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IV 9000	46.9	48.0	48.2	48.5	48.9	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 8000	51.4	52.6	52.8	53.3	53.6	53.6	54.1	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4
IV 7000	52.8	54.2	54.4	54.9	55.5	55.5	55.8	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.1
IV 6000	53.9	55.3	55.5	56.0	56.6	56.6	56.9	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2
IV 5000	54.8	56.2	56.5	57.0	57.6	57.6	58.0	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3
IV 4500	55.6	57.0	57.2	57.7	58.4	58.4	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0
IV 4000	57.5	59.0	59.5	60.2	60.9	61.0	61.3	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6
IV 3500	58.7	60.4	60.9	61.7	62.4	62.5	62.8	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.1
IV 3000	52.8	65.5	66.0	67.2	68.3	68.4	68.8	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1
IV 2500	57.7	71.0	71.7	73.2	74.7	75.1	75.6	75.7	75.7	75.8	76.0	76.0	76.0	76.0	76.0
IV 2000	71.2	74.7	75.7	77.5	79.1	79.5	80.4	80.5	80.5	80.9	81.2	81.2	81.2	81.2	81.2
IV 1800	71.8	75.4	76.5	78.4	80.0	80.3	81.4	81.6	81.6	81.9	82.3	82.3	82.3	82.3	82.3
IV 1500	74.3	78.2	79.2	81.3	83.0	83.5	84.6	84.8	84.8	85.2	85.5	85.5	85.7	85.7	85.7
IV 1200	77.2	81.4	82.5	84.7	86.7	87.2	88.4	88.6	88.6	89.0	89.5	89.5	90.0	90.0	90.0
IV 1000	78.7	83.1	84.4	86.9	89.1	89.7	91.1	91.3	91.3	91.9	92.7	93.1	93.8	93.8	93.8
IV 900	79.2	83.7	84.9	87.4	89.8	90.3	91.7	91.9	91.9	92.6	93.4	94.2	94.8	94.8	94.8
IV 800	79.8	84.2	85.6	88.2	90.8	91.3	92.7	93.1	93.1	93.8	94.6	95.5	96.1	96.1	96.1
IV 700	79.8	84.3	85.7	88.4	91.1	91.6	93.1	93.5	93.5	94.4	95.3	96.1	96.8	96.8	96.8
IV 600	80.0	84.5	85.9	88.6	91.3	91.8	93.5	94.1	94.1	95.1	95.9	96.8	97.4	97.4	97.4
IV 500	80.1	84.9	86.5	89.2	91.9	92.6	94.4	95.1	95.2	96.5	97.3	98.2	99.1	99.1	99.2
IV 400	80.1	84.9	86.5	89.2	92.0	92.7	94.5	95.2	95.3	96.6	97.4	98.4	99.5	99.5	99.6
IV 300	80.1	84.9	86.5	89.2	92.0	92.7	94.5	95.2	95.3	96.6	97.4	98.4	99.5	99.5	99.9
IV 200	80.1	84.9	86.5	89.2	92.0	92.7	94.5	95.2	95.3	96.6	97.4	98.5	99.9	99.9	100.0
IV 100	80.1	84.9	86.5	89.2	92.0	92.7	94.5	95.2	95.3	96.6	97.4	98.5	99.9	99.9	100.0
IV 0	80.1	84.9	86.5	89.2	92.0	92.7	94.5	95.2	95.3	96.6	97.4	98.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADER SERVICE/HAC

CEILING VERSUS VISIBILITY

20212
STATION

WILSON M. WELLS NAT. GUARD APT
STATION NAME

57-66

YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	29.9	30.6	30.6	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 20000	34.0	34.7	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 18000	34.0	34.7	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 16000	34.0	34.7	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 14000	34.5	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 12000	37.0	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 10000	41.5	42.3	42.3	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 9000	44.0	45.4	45.4	45.4	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 8000	48.0	48.7	48.7	49.1	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 7000	50.3	51.1	51.2	51.7	52.3	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 6000	51.4	52.2	52.3	52.8	53.3	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 5000	53.1	54.2	54.3	55.1	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4500	53.3	54.8	54.9	55.8	56.5	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4000	56.0	58.2	58.3	59.1	60.0	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 3500	57.8	60.6	60.8	61.7	62.6	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 3000	61.6	65.5	65.8	67.1	68.2	68.7	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1
≥ 2500	66.8	71.4	71.7	73.5	75.2	75.7	76.2	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5
≥ 2000	70.3	75.7	76.1	77.0	79.8	80.3	80.9	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3
≥ 1800	71.1	76.7	77.2	79.0	81.1	81.6	82.5	82.6	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1
≥ 1500	72.9	79.1	79.8	81.8	84.1	84.7	85.9	86.0	86.2	86.5	86.6	86.7	86.8	86.8	86.8	86.8
≥ 1200	75.2	81.9	82.7	84.8	87.2	88.0	89.2	89.4	89.6	90.0	90.1	90.2	90.3	90.3	90.3	90.3
≥ 1000	76.3	83.5	84.4	86.7	89.7	90.4	91.7	91.8	92.0	92.6	92.7	92.9	93.2	93.7	93.2	93.2
≥ 900	76.7	84.1	84.9	87.2	90.4	91.2	92.7	92.8	93.0	93.7	93.9	94.4	94.9	94.9	94.9	94.9
≥ 800	77.1	84.6	85.7	88.0	91.3	92.0	93.7	94.0	94.2	95.1	95.3	96.0	96.6	96.6	96.6	96.6
≥ 700	77.1	84.9	85.8	88.1	91.4	92.2	93.8	94.1	94.3	95.3	95.5	96.2	96.8	96.8	96.8	96.8
≥ 600	77.3	85.3	86.1	88.4	92.2	92.9	94.5	94.8	95.1	96.2	96.5	97.4	98.0	98.1	98.1	98.1
≥ 500	77.5	85.6	86.8	89.0	92.8	93.5	95.2	95.5	95.7	96.9	97.1	98.1	98.8	98.9	98.9	98.9
≥ 400	77.5	85.6	86.8	89.1	93.1	93.9	95.5	95.8	96.0	97.2	97.4	98.4	99.1	99.2	99.2	99.2
≥ 300	77.5	85.6	86.9	89.2	93.2	94.1	95.7	96.0	96.2	97.4	97.6	98.4	99.7	99.8	99.8	99.8
≥ 200	77.5	85.6	86.9	89.2	93.2	94.1	95.7	96.0	96.2	97.4	97.6	98.6	99.8	99.9	99.9	99.9
≥ 100	77.5	85.6	86.9	89.2	93.2	94.1	95.7	96.0	96.2	97.4	97.6	98.6	99.8	99.9	99.9	99.9
≥ 0	77.5	85.6	86.9	89.2	93.2	94.1	95.7	96.0	96.2	97.4	97.6	98.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26202

WELLS INT DPT APT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	31.4	32.4	32.5	32.5	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	33.2	33.2	33.2
≥ 20000	34.3	34.9	35.1	35.1	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.8	35.8	35.8
IV 18000	34.8	35.5	35.6	35.6	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.3	36.3	36.3
IV 16000	35.1	35.7	35.8	35.8	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.6	36.6	36.6
IV 14000	36.0	36.7	36.8	36.8	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.5	37.5	37.5
IV 12000	37.5	38.2	38.3	38.3	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	39.0	39.0	39.0
IV 10000	41.5	42.2	42.4	42.4	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	43.1	43.1	43.1
IV 9000	44.0	45.1	45.4	45.4	45.6	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	46.2	46.2	46.2
IV 8000	47.1	48.6	48.9	49.1	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	50.0	50.0	50.0
IV 7000	49.4	50.9	51.2	51.5	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.6	52.6	52.6
IV 6000	50.3	51.8	52.2	52.5	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.5	53.5	53.5
IV 5000	52.7	54.7	55.1	55.7	55.9	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.8	56.8	56.8
IV 4500	54.0	56.2	56.7	57.3	57.5	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.4	58.4	58.4
IV 4000	55.9	58.6	59.1	60.0	60.4	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.4	61.4	61.4
IV 3500	58.1	61.1	61.6	62.7	63.2	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	64.2	64.2	64.2
IV 3000	61.9	65.8	66.6	67.7	68.5	68.8	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.9	69.9	69.9
IV 2500	65.4	70.0	71.0	72.3	73.4	73.9	74.5	74.6	74.6	74.6	74.6	74.6	74.6	75.1	75.1	75.1
IV 2000	67.7	73.0	74.0	75.8	77.4	77.8	78.6	78.9	78.9	78.9	78.9	78.9	78.9	79.4	79.4	79.4
IV 1800	68.7	74.5	75.8	77.7	79.5	79.9	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.6	81.6	81.6
IV 1500	70.9	77.3	78.6	80.6	82.7	83.3	84.3	84.4	84.8	84.9	85.1	85.1	85.1	85.5	85.5	85.5
IV 1200	72.5	79.2	80.8	82.9	85.5	86.1	87.6	88.4	88.6	88.8	89.2	89.2	89.2	89.7	89.7	89.7
IV 1000	74.1	81.3	82.9	85.2	88.1	88.8	90.6	91.5	91.7	91.9	92.4	92.4	92.4	92.8	92.8	92.8
IV 900	74.4	81.6	83.2	85.5	88.6	89.4	91.3	92.2	92.4	92.7	93.1	93.1	93.1	93.5	93.5	93.5
IV 800	75.2	82.6	84.2	86.5	89.6	90.3	92.4	93.2	93.4	94.0	94.5	94.5	94.5	95.1	95.1	95.1
IV 700	75.7	83.2	84.8	87.3	90.4	91.2	93.3	94.2	94.4	95.1	95.6	95.6	95.6	96.1	96.1	96.1
IV 600	76.0	83.5	85.2	87.6	90.8	91.5	93.8	94.6	94.8	95.6	96.1	96.1	96.1	96.7	96.7	96.7
IV 500	76.0	84.3	85.9	88.5	91.7	92.5	94.8	95.7	95.9	96.8	97.3	97.3	97.3	98.1	98.1	98.1
IV 400	76.9	84.7	86.3	88.9	92.4	93.1	95.5	96.3	96.6	97.5	98.1	98.1	98.1	98.9	98.9	98.9
IV 300	76.9	84.7	86.3	88.9	92.4	93.1	95.5	96.3	96.6	97.5	98.1	98.1	98.1	99.0	99.0	99.0
IV 200	76.9	84.7	86.3	88.9	92.4	93.1	95.5	96.3	96.6	97.5	98.1	98.1	98.1	99.0	99.0	99.0
IV 100	76.9	84.7	86.3	88.9	92.4	93.1	95.5	96.3	96.6	97.5	98.1	98.1	98.1	99.0	99.0	99.0
IV 0	76.9	84.7	86.5	89.0	92.5	93.2	95.6	96.5	96.7	97.6	98.2	98.2	98.2	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

76202
STATION

WELLS FORT APT
STATION NAME

57-66

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅓	≥ ⅒	≥ 0
NO CEILING	41.7	43.7	43.7	44.0	44.2	44.2	44.6	44.9	44.9	45.4	45.6	45.0	45.7	45.7	46.0	46.0
≥ 18000	44.6	46.7	46.7	47.0	47.2	47.2	47.6	47.9	47.9	48.4	48.6	48.6	48.7	48.7	49.0	49.0
≥ 16000	44.7	46.6	46.8	47.1	47.3	47.3	47.7	48.0	48.0	48.6	48.7	48.7	48.8	48.8	49.1	49.1
≥ 14000	45.3	47.4	47.4	47.8	48.0	48.0	48.3	48.7	48.7	49.2	49.3	49.3	49.4	49.4	49.8	49.8
≥ 12000	46.2	48.4	48.4	48.9	49.1	49.1	49.4	49.8	49.8	50.3	50.4	50.4	50.6	50.6	50.9	50.9
≥ 10000	50.3	53.2	53.2	53.7	53.9	53.9	54.2	54.6	54.6	55.1	55.2	55.2	55.3	55.3	55.7	55.7
≥ 9000	51.4	54.4	54.6	55.0	55.2	55.2	55.6	55.9	55.9	56.4	56.6	56.6	56.7	56.7	57.0	57.0
≥ 8000	53.8	57.1	57.3	57.9	58.1	58.1	58.4	58.8	58.8	59.3	59.4	59.4	59.6	59.6	59.9	59.9
≥ 7000	58.6	62.3	62.6	63.9	64.4	64.4	65.0	65.3	65.3	65.9	66.0	66.0	66.1	66.1	66.4	66.4
≥ 6000	58.8	62.6	62.8	64.1	64.7	64.7	65.2	65.6	65.6	66.1	66.2	66.2	66.3	66.3	66.7	66.7
≥ 5000	60.4	64.7	64.9	66.7	67.3	67.3	68.0	68.3	68.3	68.9	69.0	69.0	69.1	69.1	69.4	69.4
≥ 4500	61.3	65.8	66.0	68.1	69.3	69.3	70.0	70.3	70.3	70.9	71.0	71.0	71.1	71.1	71.4	71.4
≥ 4000	62.6	67.4	67.8	69.9	71.3	71.3	72.2	72.6	72.6	73.1	73.2	73.2	73.3	73.3	73.7	73.7
≥ 3500	63.9	68.9	69.6	71.7	73.2	73.2	74.4	74.8	74.8	75.3	75.4	75.4	75.6	75.6	75.9	75.9
≥ 3000	65.1	70.4	71.2	73.6	75.2	75.2	76.4	76.8	76.8	77.3	77.4	77.4	77.6	77.6	77.9	77.9
≥ 2500	66.0	71.9	72.7	75.0	77.0	77.2	78.4	78.8	78.8	79.3	79.4	79.4	79.6	79.6	79.9	79.9
≥ 2000	67.6	74.2	75.1	77.6	80.0	80.3	81.9	82.2	82.2	82.8	82.9	82.9	83.0	83.0	83.3	83.3
≥ 1800	68.2	75.0	76.0	78.7	81.1	81.4	83.0	83.3	83.3	83.9	84.0	84.0	84.1	84.1	84.4	84.4
≥ 1500	69.3	76.8	77.9	80.7	84.0	84.4	86.6	87.0	87.0	87.7	87.8	87.8	87.9	87.9	88.2	88.2
≥ 1200	71.9	79.3	80.8	83.7	87.1	87.6	89.9	90.4	90.4	91.2	91.3	91.3	91.4	91.4	91.8	91.8
≥ 1000	72.9	80.4	81.9	85.0	88.6	89.0	91.6	92.2	92.2	93.0	93.1	93.1	93.2	93.2	93.6	93.6
≥ 900	73.2	81.2	82.7	85.9	89.4	89.9	92.4	93.1	93.1	94.0	94.1	94.1	94.2	94.2	94.6	94.6
≥ 800	73.6	81.8	83.3	86.6	90.3	90.8	93.4	94.1	94.1	95.0	95.1	95.1	95.2	95.2	95.6	95.6
≥ 700	74.2	82.8	84.3	87.6	91.4	92.0	94.8	95.4	95.6	96.6	96.7	96.7	96.8	96.8	97.1	97.1
≥ 600	74.7	83.6	85.1	88.3	92.2	93.1	96.1	96.8	96.9	97.9	98.0	98.0	98.1	98.1	98.4	98.4
≥ 500	75.1	84.0	85.6	88.8	92.7	93.6	96.6	97.2	97.3	98.3	98.4	98.4	98.6	98.6	98.9	98.9
≥ 400	75.1	84.0	85.6	88.8	92.7	93.6	96.7	97.3	97.4	98.4	98.6	98.6	98.7	98.7	99.0	99.0
≥ 300	75.1	84.2	85.8	89.0	92.9	93.8	97.0	97.7	97.8	98.8	98.9	98.9	99.0	99.0	99.3	99.3
≥ 200	75.1	84.2	85.8	89.1	93.2	94.2	97.4	98.1	98.2	99.2	99.3	99.3	99.4	99.4	99.8	99.8
≥ 100	75.1	84.2	85.8	89.1	93.2	94.2	97.4	98.1	98.2	99.2	99.3	99.3	99.4	99.4	99.8	99.8
≥ 0	75.1	84.2	85.8	89.1	93.2	94.2	97.4	98.1	98.2	99.2	99.3	99.3	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 101-54 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/40

CEILING VERSUS VISIBILITY

26202
FORM

VERSION 4.0 PLUS
STATION NAME

57-66

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.1	41.8	41.9	42.3	42.7	42.7	43.2	43.6	43.6	43.8	43.9	43.9	44.0	44.0	44.4	44.6
≥ 20000	43.1	43.8	43.9	44.3	44.7	44.7	45.2	45.6	45.6	45.8	45.9	45.9	46.0	46.0	46.4	46.6
IV 18000	43.8	44.4	44.6	45.0	45.3	45.3	45.9	46.2	46.2	46.4	46.6	46.6	46.7	46.7	47.1	47.2
IV 16000	44.0	44.7	44.8	45.2	45.6	45.6	46.1	46.4	46.4	46.7	46.8	46.8	46.9	46.9	47.3	47.4
IV 14000	44.6	45.3	45.3	45.8	46.1	46.1	46.7	47.0	47.0	47.2	47.3	47.3	47.4	47.4	47.9	48.0
IV 12000	46.0	46.7	47.0	47.4	47.8	47.8	48.3	48.7	48.7	48.9	49.0	49.0	49.1	49.1	49.6	49.7
IV 10000	50.1	51.0	51.4	52.0	52.3	52.3	53.0	53.3	53.3	53.6	53.7	53.7	53.8	53.8	54.2	54.3
IV 9000	51.1	52.0	52.0	53.1	53.4	53.4	54.1	54.4	54.4	54.7	54.8	54.8	54.9	54.9	55.3	55.4
IV 8000	53.3	54.8	55.3	56.1	56.5	56.5	57.7	58.0	58.0	58.2	58.3	58.3	58.4	58.4	58.9	59.0
IV 7000	57.2	59.0	59.7	60.7	61.8	61.8	62.8	63.1	63.1	63.3	63.4	63.4	63.6	63.6	64.0	64.1
IV 6000	58.0	59.9	60.6	61.7	62.8	62.8	63.8	64.1	64.1	64.3	64.4	64.4	64.6	64.6	65.0	65.1
IV 5000	60.2	62.7	63.6	64.9	66.1	66.2	67.2	67.6	67.6	67.8	67.9	67.9	68.0	68.0	68.4	68.6
IV 4500	60.6	63.1	64.3	65.7	67.0	67.1	68.1	68.4	68.4	68.7	68.8	68.8	68.9	68.9	69.3	69.4
IV 4000	62.2	65.6	67.1	68.7	70.0	70.1	71.1	71.4	71.4	71.7	71.8	71.8	71.9	71.9	72.3	72.4
IV 3500	63.2	66.9	68.4	70.0	71.3	71.6	72.6	72.9	72.9	73.1	73.2	73.2	73.3	73.3	73.8	73.9
IV 3000	64.3	68.1	69.9	71.6	73.0	73.2	74.2	74.6	74.6	74.8	74.9	74.9	75.0	75.0	75.4	75.6
IV 2500	65.6	69.4	71.3	73.0	74.4	74.7	76.0	76.6	76.6	77.0	77.1	77.1	77.2	77.2	77.7	77.8
IV 2000	67.6	72.1	74.2	76.0	77.8	78.0	80.0	80.7	80.7	81.1	81.2	81.2	81.3	81.3	81.8	81.9
IV 1800	68.6	73.2	75.3	77.4	79.3	79.6	81.6	82.2	82.2	82.7	82.8	82.8	82.9	82.9	83.3	83.4
IV 1500	70.6	75.4	77.7	79.6	82.2	82.4	84.8	85.4	85.4	85.9	86.0	86.0	86.1	86.1	86.6	86.7
IV 1200	72.2	77.7	80.0	82.1	84.7	84.9	87.2	87.9	87.9	88.8	88.9	88.9	89.0	89.0	89.4	89.6
IV 1000	73.4	79.7	82.2	84.4	87.1	87.3	89.7	90.4	90.6	91.8	91.9	91.9	92.0	92.0	92.4	92.6
IV 900	73.8	80.1	82.8	85.1	88.0	88.2	90.8	91.6	91.7	92.9	93.0	93.0	93.1	93.1	93.6	93.7
IV 800	74.3	81.0	83.9	86.2	89.3	89.6	92.2	93.2	93.3	94.6	94.7	94.7	94.8	94.8	95.2	95.3
IV 700	74.6	81.2	84.4	86.8	89.9	90.1	92.9	93.9	94.0	95.2	95.3	95.3	95.4	95.4	95.9	96.0
IV 600	74.7	81.8	85.0	87.4	90.8	91.2	94.1	95.1	95.2	96.4	96.6	96.6	96.7	96.7	97.1	97.2
IV 500	75.6	82.7	85.9	88.3	91.7	92.1	95.2	96.2	96.3	97.6	97.7	97.7	97.8	97.8	98.2	98.3
IV 400	75.7	82.8	86.0	88.4	91.9	92.3	95.4	96.4	96.6	97.8	97.9	97.9	98.0	98.0	98.4	98.6
IV 300	75.8	82.9	86.1	88.6	92.1	92.6	95.9	96.9	97.0	98.2	98.3	98.3	98.4	98.4	98.9	99.0
IV 200	75.8	83.1	86.3	88.8	92.3	92.8	96.1	97.1	97.2	98.4	98.6	98.6	98.8	98.8	99.2	99.3
IV 100	75.8	83.1	86.3	88.8	92.3	92.8	96.1	97.1	97.2	98.4	98.6	98.8	99.0	99.0	99.6	99.7
IV 0	75.8	83.1	86.3	88.8	92.3	92.8	96.1	97.1	97.2	98.4	98.7	98.9	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20202
YEAR

NORMAN WELLS AFB DDT APT
STATION NAME

57-66
YEARS

YEARS

IN CV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥0
NO CEILING	39.1	39.7	40.1	40.6	41.3	41.3	41.7	42.0	42.0	42.3	42.3	42.4	42.9	42.9	42.9	42.9
≥ 20000	40.7	41.3	41.8	42.2	43.0	43.0	43.3	43.7	43.7	44.0	44.0	44.1	44.6	44.6	44.6	44.6
≥ 18000	40.4	41.6	42.0	42.4	43.2	43.2	43.6	43.9	43.9	44.2	44.2	44.3	44.8	44.8	44.8	44.8
≥ 16000	41.0	41.7	42.1	42.6	43.3	43.3	43.7	44.0	44.0	44.3	44.3	44.4	44.9	44.9	44.9	44.9
≥ 14000	41.3	42.0	42.4	42.9	43.7	43.7	44.0	44.3	44.3	44.7	44.7	44.8	45.2	45.2	45.2	45.2
≥ 12000	43.1	44.0	44.6	45.0	45.8	45.8	46.1	46.4	46.4	46.8	46.8	46.9	47.3	47.3	47.3	47.3
≥ 10000	40.6	43.6	49.2	42.7	50.6	50.6	50.9	51.2	51.2	51.6	51.6	51.7	52.1	52.1	52.1	52.1
≥ 9000	47.8	50.3	51.0	51.6	52.6	52.6	52.9	53.2	53.2	53.6	53.6	53.7	54.1	54.1	54.1	54.1
≥ 8000	51.1	54.3	55.0	55.6	56.8	56.8	57.3	57.7	57.7	58.1	58.2	58.3	58.8	58.8	58.8	58.8
≥ 7000	54.7	58.9	59.7	60.4	61.9	62.1	63.0	63.3	63.3	63.8	63.9	64.1	64.4	64.4	64.4	64.4
≥ 6000	53.4	59.9	60.7	61.4	62.9	63.1	64.0	64.3	64.3	64.8	64.9	65.0	65.4	65.4	65.4	65.4
≥ 5000	57.3	62.3	63.2	64.6	66.0	66.3	67.3	67.7	67.7	68.1	68.2	68.3	68.8	68.8	68.8	68.8
≥ 4500	59.0	63.3	64.2	65.6	67.1	67.4	68.6	68.9	68.9	69.3	69.4	69.6	70.0	70.0	70.0	70.0
≥ 4000	59.0	64.4	65.4	66.4	68.3	68.7	69.8	70.1	70.1	70.6	70.7	70.8	71.2	71.2	71.2	71.2
≥ 3500	60.4	66.1	67.1	68.6	70.4	70.8	71.9	72.2	72.2	72.7	72.8	72.9	73.3	73.3	73.3	73.3
≥ 3000	61.7	67.7	69.1	70.6	72.6	72.9	74.0	74.3	74.3	74.8	74.9	75.0	75.4	75.4	75.4	75.4
≥ 2500	63.6	69.9	71.3	72.9	75.0	75.3	76.4	76.9	76.9	77.3	77.4	77.6	78.0	78.0	78.0	78.0
≥ 2000	65.0	71.4	73.1	74.9	77.4	77.8	79.2	79.8	79.8	80.2	80.3	80.4	80.9	80.9	80.9	80.9
≥ 1800	65.6	72.2	73.9	75.8	78.4	78.8	80.4	81.0	81.0	81.4	81.6	81.7	82.1	82.1	82.1	82.1
≥ 1500	67.7	74.8	76.4	78.4	81.6	82.0	83.8	84.6	84.6	85.2	85.6	85.7	86.1	86.1	86.1	86.1
≥ 1200	69.1	76.4	78.2	80.2	83.7	84.1	86.0	86.8	86.8	87.8	88.1	88.2	88.7	88.7	88.7	88.7
≥ 1000	70.4	78.8	80.6	82.7	86.6	87.4	89.0	90.4	90.4	91.7	92.0	92.1	92.6	92.6	92.6	92.6
≥ 900	71.3	79.6	81.4	83.8	88.0	88.9	91.2	92.1	92.1	93.3	93.7	93.8	94.2	94.2	94.2	94.2
≥ 800	71.9	80.4	82.7	85.3	89.8	90.7	93.2	94.1	94.1	95.3	95.7	95.8	96.2	96.2	96.2	96.2
≥ 700	72.1	81.9	83.2	85.9	90.4	91.3	93.9	95.1	95.1	96.4	96.8	96.9	97.3	97.3	97.3	97.3
≥ 600	72.2	81.2	83.6	86.2	90.9	91.6	94.3	95.6	95.6	96.9	97.2	97.3	97.8	97.8	97.8	97.8
≥ 500	72.4	81.7	84.1	86.8	91.4	92.4	95.0	96.3	96.3	97.8	98.1	98.2	98.7	98.7	98.7	98.7
≥ 400	72.7	82.0	84.4	87.1	91.8	92.8	95.3	96.7	96.7	98.1	98.4	98.6	99.0	99.0	99.0	99.0
≥ 300	72.7	82.0	84.4	87.3	92.0	93.0	95.6	96.9	96.9	98.3	98.7	98.8	99.2	99.2	99.2	99.2
≥ 200	72.7	82.0	84.4	87.3	92.0	93.0	95.6	96.9	96.9	98.4	98.9	99.0	99.7	99.8	99.8	99.8
≥ 100	72.8	82.1	84.6	87.4	92.1	93.1	95.7	97.0	97.0	98.6	99.0	99.1	99.9	100.0	100.0	100.0
≥ 0	72.8	82.1	84.6	87.4	92.1	93.1	95.7	97.0	97.0	98.6	99.0	99.1	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 101-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

20207
STATION

EDSON WELLS NAT UNIT APT
STATION NAME

57-66

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .3	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	33.2	34.4	34.7	34.9	35.4	35.6	36.0	36.1	36.1	36.3	36.8	36.3	36.8	36.9	36.9	36.9
≥ 20000	34.8	36.4	36.8	37.3	37.9	38.0	38.4	38.6	38.6	38.8	39.2	39.2	39.2	39.3	39.3	39.3
≥ 18000	35.1	37.1	37.6	38.1	38.7	38.8	39.2	39.3	39.3	39.6	40.0	40.0	40.0	40.1	40.1	40.1
≥ 16000	35.2	37.2	37.7	38.2	38.8	38.9	39.3	39.4	39.4	39.7	40.1	40.1	40.1	40.2	40.2	40.2
≥ 14000	36.1	38.1	38.6	39.1	39.8	39.9	40.3	40.6	40.6	40.8	41.2	41.2	41.2	41.3	41.3	41.3
≥ 12000	37.8	40.0	40.4	41.0	41.7	41.8	42.0	42.8	42.8	43.0	43.4	43.4	43.4	43.6	43.6	43.6
≥ 10000	42.0	44.7	45.6	46.1	46.4	46.9	47.7	47.9	47.9	48.2	48.7	48.7	48.7	48.8	48.8	48.8
≥ 9000	44.0	47.7	48.6	49.3	50.0	50.1	50.9	51.1	51.1	51.4	51.9	51.9	51.9	52.0	52.0	52.0
≥ 8000	50.0	53.7	54.7	55.4	56.2	56.3	57.2	57.4	57.4	57.8	58.2	58.2	58.2	58.4	58.6	58.6
≥ 7000	53.1	57.6	58.6	59.9	60.9	61.1	62.2	62.4	62.4	62.8	63.2	63.2	63.2	63.4	63.6	63.6
≥ 6000	54.1	58.6	59.6	61.0	62.2	62.4	63.6	63.8	63.8	64.1	64.6	64.6	64.6	64.8	64.9	64.9
≥ 5000	56.2	61.0	62.8	64.7	66.2	66.4	67.6	67.9	67.9	68.2	68.7	68.7	68.7	68.9	69.0	69.0
≥ 4500	57.0	62.3	64.2	66.1	67.7	67.9	69.0	69.4	69.4	69.8	70.2	70.2	70.2	70.4	70.6	70.6
≥ 4000	58.0	63.7	65.7	67.8	69.4	69.9	71.2	71.8	71.8	72.1	72.6	72.6	72.6	72.8	72.9	72.9
≥ 3500	59.1	64.9	66.9	69.2	70.9	71.3	72.7	73.2	73.2	73.6	74.0	74.0	74.0	74.2	74.3	74.3
≥ 3000	60.0	67.1	69.3	71.8	73.6	74.1	75.4	76.0	76.0	76.3	76.8	76.8	76.8	77.0	77.1	77.1
≥ 2500	62.1	69.0	71.6	74.0	75.9	76.4	77.8	78.3	78.3	78.8	79.2	79.4	79.4	79.6	79.8	79.8
≥ 2000	64.0	71.3	73.9	76.4	78.9	79.4	81.0	81.6	81.6	82.1	82.8	83.0	83.1	83.3	83.4	83.4
≥ 1800	64.4	72.0	74.6	77.1	79.8	80.3	81.9	82.4	82.4	83.0	83.7	83.9	84.0	84.2	84.3	84.3
≥ 1500	65.2	72.9	75.6	78.2	81.6	82.2	84.2	85.0	85.0	85.6	86.6	86.8	86.9	87.1	87.2	87.2
≥ 1200	66.3	74.4	77.1	79.9	83.8	84.4	86.6	87.3	87.3	87.9	88.9	89.1	89.2	89.4	89.6	89.6
≥ 1000	67.1	75.7	78.6	81.9	86.1	87.1	89.7	90.4	90.4	91.4	92.4	92.7	92.8	93.0	93.1	93.1
≥ 900	67.6	76.1	79.0	82.4	86.8	87.9	90.4	91.8	91.9	92.9	93.9	94.1	94.2	94.4	94.6	94.6
≥ 800	67.8	76.3	79.2	83.2	87.6	88.8	91.3	92.8	92.9	93.9	95.1	95.6	95.8	96.0	96.1	96.1
≥ 700	67.9	76.7	79.8	84.0	88.4	89.7	92.2	93.8	93.9	95.1	96.3	96.8	97.1	97.3	97.4	97.4
≥ 600	67.9	76.8	80.0	84.3	88.8	90.0	92.6	94.1	94.2	95.4	96.8	97.2	97.6	97.8	97.9	97.9
≥ 500	67.9	77.0	80.3	84.7	89.1	90.4	93.1	94.7	94.8	96.1	97.6	98.0	98.3	98.6	98.7	98.7
≥ 400	67.9	77.1	80.4	84.8	89.2	90.6	93.4	95.0	95.1	96.6	98.0	98.4	98.9	99.1	99.2	99.2
≥ 300	67.9	77.1	80.4	84.8	89.2	90.6	93.4	95.0	95.1	96.7	98.1	98.6	99.0	99.2	99.3	99.3
≥ 200	67.9	77.1	80.4	84.8	89.2	90.6	93.7	95.3	95.4	97.3	98.8	99.2	99.7	99.9	100.0	100.0
≥ 100	67.9	77.1	80.4	84.8	89.2	90.6	93.7	95.3	95.4	97.3	98.8	99.2	99.7	99.9	100.0	100.0
≥ 0	67.9	77.1	80.4	84.8	89.2	90.6	93.7	95.3	95.4	97.3	98.8	99.2	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

26202
STATION

WHEELS WPT DUT APT
STATION NAME

57-66

YEARS

NDV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	45.3	40.4	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.7	41.7	41.7	41.7
≥ 20000	41.4	44.7	45.2	45.2	45.4	45.6	45.6	45.6	45.6	45.7	45.7	45.7	46.0	46.0	46.0	46.0
IV 18000	41.4	44.7	45.2	45.2	45.4	45.6	45.6	45.6	45.6	45.7	45.7	45.7	46.0	46.0	46.0	46.0
IV 16000	41.7	44.9	45.4	45.4	45.7	45.8	45.9	46.0	46.0	46.1	46.1	46.1	46.4	46.4	46.4	46.4
IV 14000	42.3	45.6	46.1	46.1	46.3	46.6	46.7	46.8	46.8	46.9	46.9	46.9	47.2	47.2	47.2	47.2
IV 12000	43.4	46.8	47.3	47.3	47.6	47.3	48.0	48.1	48.1	48.3	48.3	48.3	48.7	48.7	48.7	48.7
IV 10000	46.8	50.8	51.4	51.7	52.0	52.3	52.7	52.8	52.8	53.0	53.0	53.0	53.3	53.3	53.3	53.3
IV 9000	50.8	55.4	56.1	56.4	56.8	57.1	57.4	57.6	57.6	57.8	57.8	57.8	58.1	58.1	58.1	58.1
IV 8000	53.9	59.1	59.8	60.6	61.0	61.3	61.7	61.8	61.8	62.0	62.0	62.0	62.4	62.4	62.4	62.4
IV 7000	57.2	63.2	64.0	64.3	65.4	65.9	66.6	66.4	66.4	66.7	66.7	66.7	67.1	67.1	67.1	67.1
IV 6000	58.9	65.0	65.8	66.7	67.3	67.8	68.3	68.6	68.6	68.8	68.8	68.8	69.2	69.2	69.2	69.2
IV 5000	60.9	67.6	68.8	70.1	70.8	71.3	72.1	72.3	72.3	72.6	72.6	72.6	73.0	73.0	73.0	73.0
IV 4500	62.2	69.7	70.8	72.1	73.0	73.6	74.3	74.6	74.6	74.8	74.8	74.8	75.2	75.2	75.2	75.2
IV 4000	63.0	70.8	71.9	73.6	74.6	75.1	76.0	76.2	76.2	76.4	76.4	76.4	76.9	76.9	76.9	76.9
IV 3500	63.9	72.0	73.2	73.1	76.2	76.8	77.8	78.0	78.0	78.2	78.2	78.2	78.7	78.7	78.7	78.7
IV 3000	64.4	73.2	74.7	76.7	78.2	78.8	79.9	80.2	80.2	80.6	80.6	80.6	81.0	81.0	81.0	81.0
IV 2500	65.3	74.4	75.9	77.9	79.9	80.6	81.8	82.2	82.2	82.6	82.6	82.6	83.0	83.0	83.0	83.0
IV 2000	66.2	75.1	77.8	80.1	82.6	83.2	84.4	84.9	84.9	85.2	85.2	85.2	85.8	85.8	85.8	85.8
IV 1800	67.0	76.9	78.8	81.2	83.8	84.6	85.8	86.3	86.3	86.8	86.9	86.9	87.3	87.3	87.3	87.3
IV 1500	67.9	78.1	80.1	82.7	85.4	86.3	88.0	88.6	88.6	89.0	89.1	89.2	89.7	89.8	89.8	89.8
IV 1200	70.0	80.6	82.9	85.6	88.3	89.3	91.4	92.1	92.1	92.6	92.7	92.9	93.2	93.3	93.3	93.3
IV 1000	71.1	82.1	84.3	87.2	90.2	91.3	93.4	94.1	94.1	94.6	94.7	94.9	95.2	95.3	95.3	95.3
IV 900	71.2	82.4	84.7	87.9	91.1	92.4	94.7	95.3	95.3	95.8	96.1	96.2	96.7	96.8	96.8	96.8
IV 800	71.3	82.6	84.8	88.0	91.3	92.7	95.1	95.8	95.8	96.2	96.6	96.7	97.2	97.3	97.3	97.3
IV 700	71.7	83.1	85.4	88.7	92.1	93.4	96.0	96.7	96.7	97.1	97.4	97.6	98.2	98.3	98.3	98.3
IV 600	71.7	83.1	85.4	88.8	92.2	93.6	96.2	97.0	97.0	97.6	97.9	98.0	98.7	98.8	98.8	98.8
IV 500	71.7	83.3	85.7	89.0	92.4	93.9	96.8	97.6	97.6	98.2	98.6	98.7	99.3	99.4	99.4	99.4
IV 400	71.7	83.4	85.8	89.1	92.7	94.1	97.0	97.8	97.8	98.4	98.8	98.9	99.6	99.7	99.7	99.7
IV 300	71.7	83.4	85.9	89.2	92.9	94.3	97.2	98.1	98.1	98.8	99.1	99.2	99.9	100.0	100.0	100.0
IV 200	71.7	83.4	85.9	89.2	92.9	94.3	97.2	98.1	98.1	98.8	99.1	99.2	99.9	100.0	100.0	100.0
IV 100	71.7	83.4	85.9	89.2	92.9	94.3	97.2	98.1	98.1	98.8	99.1	99.2	99.9	100.0	100.0	100.0
IV 0	71.7	83.4	85.9	89.2	92.9	94.3	97.2	98.1	98.1	98.8	99.1	99.2	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
EIA 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

262.2
STATION

WELLS WELLS WRT DDT APT
STATION NAME

37-66

YEARS

MOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-170
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	37.6	39.6	40.2	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.8	40.8	41.0	41.0	41.0	41.0
≥ 20000	39.9	43.0	43.6	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.6	44.6	44.6	44.6
IV 18000	40.3	43.4	44.0	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	45.0	45.0	45.0	45.0
IV 16000	40.3	43.6	44.1	44.7	44.8	44.8	45.0	45.0	45.0	45.0	45.1	45.1	45.3	45.3	45.3	45.3
IV 14000	40.7	44.1	44.7	45.2	45.3	45.3	45.6	45.6	45.6	45.6	45.7	45.7	45.9	45.9	45.9	45.9
IV 12000	42.2	45.8	46.3	46.9	47.0	47.0	47.2	47.2	47.2	47.2	47.3	47.3	47.6	47.6	47.6	47.6
IV 10000	46.9	51.6	52.3	53.0	53.2	53.4	53.8	53.8	53.8	53.8	53.9	53.9	54.1	54.1	54.1	54.1
IV 9000	49.7	55.3	55.9	56.7	57.0	57.2	57.7	57.8	57.8	57.8	57.9	57.9	58.1	58.1	58.1	58.1
IV 8000	53.9	59.7	60.2	61.2	61.9	62.1	62.6	62.7	62.7	62.7	62.8	62.8	63.0	63.0	63.0	63.0
IV 7000	57.3	64.1	64.8	66.1	67.2	67.7	68.2	68.3	68.3	68.3	68.4	68.4	68.7	68.7	68.7	68.7
IV 6000	58.8	65.8	66.4	67.8	68.9	69.3	69.9	70.0	70.0	70.0	70.1	70.1	70.3	70.3	70.3	70.3
IV 5000	60.6	68.0	68.8	70.4	71.6	72.0	72.6	72.7	72.7	72.7	72.8	72.8	73.0	73.0	73.0	73.0
IV 4500	61.0	68.6	69.6	71.8	72.9	73.3	73.9	74.0	74.0	74.0	74.1	74.1	74.3	74.3	74.3	74.3
IV 4000	62.7	70.7	71.4	73.9	75.1	75.6	76.1	76.3	76.3	76.3	76.6	76.6	76.8	76.8	76.8	76.8
IV 3500	63.8	71.9	72.7	75.1	76.3	76.8	77.3	77.4	77.6	77.6	77.8	77.8	78.0	78.0	78.0	78.0
IV 3000	65.0	73.6	74.7	77.3	78.7	79.1	79.7	79.9	79.9	80.0	80.2	80.2	80.4	80.4	80.4	80.4
IV 2500	65.9	75.4	76.4	79.2	81.0	81.6	82.1	82.3	82.3	82.4	82.7	82.7	82.9	82.9	82.9	82.9
IV 2000	67.3	77.7	78.7	81.4	83.2	83.9	84.7	84.9	84.9	85.2	85.4	85.4	85.7	85.7	85.7	85.7
IV 1800	67.6	78.7	79.7	82.4	84.2	84.9	85.7	85.9	85.9	86.2	86.4	86.4	86.7	86.7	86.7	86.7
IV 1500	68.2	79.8	81.0	84.3	86.4	87.1	88.2	88.6	88.7	89.1	89.3	89.3	89.6	89.6	89.6	89.6
IV 1200	71.4	83.0	84.3	87.7	89.9	90.7	92.1	92.6	92.7	93.1	93.4	93.4	93.7	93.7	93.7	93.7
IV 1000	72.0	83.7	85.1	88.6	90.9	91.8	93.3	94.0	94.2	94.9	95.2	95.2	95.4	95.4	95.4	95.4
IV 900	72.3	84.0	85.4	89.3	91.7	92.6	94.2	94.9	95.1	95.8	96.1	96.1	96.3	96.3	96.3	96.3
IV 800	72.7	84.4	85.9	90.1	92.4	93.3	95.0	95.7	96.0	96.7	97.1	97.1	97.4	97.4	97.4	97.4
IV 700	72.7	84.7	86.1	90.4	92.9	93.8	95.4	96.1	96.4	97.1	97.6	97.6	97.9	97.9	97.9	97.9
IV 600	73.0	85.2	86.7	91.0	93.4	94.3	96.4	97.1	97.4	98.1	98.6	98.6	98.9	98.9	98.9	98.9
IV 500	73.0	85.7	87.1	91.4	93.9	94.8	96.9	97.7	98.0	99.0	99.6	99.6	99.9	99.9	99.9	99.9
IV 400	73.0	85.7	87.1	91.4	93.9	94.8	96.9	97.7	98.0	99.0	99.6	99.6	99.9	99.9	99.9	99.9
IV 300	73.0	85.7	87.1	91.4	93.9	94.8	96.9	97.7	98.0	99.0	99.6	99.6	99.9	99.9	99.9	99.9
IV 200	73.0	85.7	87.2	91.6	94.0	94.9	97.0	97.8	98.1	99.1	99.7	99.7	100.0	100.0	100.0	100.0
IV 100	73.0	85.7	87.2	91.6	94.0	94.9	97.0	97.8	98.1	99.1	99.7	99.7	100.0	100.0	100.0	100.0
IV 0	73.0	85.7	87.2	91.6	94.0	94.9	97.0	97.8	98.1	99.1	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26292
STATION

SUMMIT WELLS NWT UNIT APT
STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5.16	≥¼	≥0
NO CEILING	45.3	46.4	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	46.6	47.8	48.6	48.8	48.8	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 18000	46.6	47.8	48.6	48.8	48.8	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 16000	46.7	47.9	48.7	48.9	48.9	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 14000	46.9	48.2	49.0	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 12000	46.8	49.9	50.7	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 10000	52.8	54.8	55.6	56.0	56.2	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 9000	55.8	57.9	58.7	59.6	59.9	60.2	60.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 8000	59.3	62.0	63.0	63.9	64.2	64.6	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 7000	62.1	66.1	67.8	68.9	69.2	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 6000	62.4	66.8	66.4	69.6	69.9	70.2	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 5000	64.6	69.4	71.3	72.4	72.8	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 4500	65.3	70.3	72.3	73.4	73.8	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 4000	66.1	72.1	74.2	75.6	76.1	76.4	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 3500	66.4	72.6	74.7	76.0	76.6	76.9	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 3000	67.2	73.4	75.7	77.4	78.1	78.4	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 2500	69.3	75.9	78.2	80.1	81.0	81.3	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 2000	70.7	77.3	79.7	82.0	83.2	83.7	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 1800	71.1	78.1	80.6	82.9	84.2	84.7	85.6	86.0	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4
IV 1500	72.6	80.1	82.7	85.1	87.0	87.4	88.7	89.2	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.8
IV 1200	74.3	82.2	84.8	87.2	89.2	89.7	90.9	91.4	91.4	91.9	92.2	92.2	92.2	92.2	92.2	92.2
IV 1000	75.6	84.2	86.9	89.3	91.7	92.1	93.3	94.0	94.0	94.6	95.1	95.1	95.1	95.1	95.1	95.1
IV 900	76.1	84.9	87.7	90.1	92.4	92.9	94.2	94.9	94.9	95.4	96.0	96.0	96.0	96.0	96.0	96.0
IV 800	76.4	85.7	88.6	91.2	93.6	94.0	95.4	96.1	96.1	96.7	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	76.8	86.0	88.9	91.6	93.9	94.3	95.8	96.4	96.4	97.1	97.7	97.7	97.7	97.7	97.7	97.7
IV 600	76.6	86.1	89.0	91.7	94.0	94.4	95.9	96.6	96.6	97.4	98.0	98.0	98.0	98.0	98.0	98.0
IV 500	77.2	87.1	90.0	92.9	95.2	95.7	97.2	97.9	97.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	77.3	87.2	90.2	93.1	95.4	95.9	97.4	98.1	98.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	77.3	87.2	90.2	93.1	95.4	95.9	97.4	98.2	98.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	77.3	87.3	90.3	93.2	95.6	96.0	97.7	98.3	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	77.3	87.3	90.3	93.2	95.6	96.0	97.7	98.3	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	77.3	87.3	90.3	93.2	95.6	96.0	97.7	98.3	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26202
STATION10PM H WELLS NKT DPT APT
STATION NAME

57-66

YEARS

1971
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)2100-2300
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	45.3	46.8	47.3	47.6	47.8	47.8	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.1	48.1	48.1
IV 20000	47.6	49.1	49.7	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.4	50.4	50.4
IV 18000	47.6	49.1	49.7	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.4	50.4	50.4
IV 16000	47.6	49.1	49.7	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.4	50.4	50.4
IV 14000	48.4	50.0	50.6	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.3	51.3	51.3
IV 12000	49.4	51.1	51.7	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.3	52.3	52.3	52.4	52.4	52.4
IV 10000	53.6	55.8	56.7	56.9	57.3	57.4	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.9	57.9	57.9
IV 9000	55.2	57.6	58.4	58.8	59.2	59.3	59.4	59.4	59.4	59.7	59.7	59.7	59.7	59.8	59.8	59.8
IV 8000	57.9	60.6	61.4	61.9	62.3	62.4	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.9	62.9	62.9
IV 7000	61.8	65.2	66.6	67.4	68.0	68.1	68.4	68.4	68.4	68.7	68.7	68.7	68.7	68.8	68.8	68.8
IV 6000	61.9	65.3	66.7	67.6	68.1	68.2	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.9	68.9	68.9
IV 5000	63.3	67.4	68.9	69.9	70.4	70.6	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.2
IV 4500	63.4	68.0	69.6	70.6	71.1	71.3	71.7	71.7	71.7	71.9	71.9	71.9	71.9	72.0	72.0	72.0
IV 4000	64.2	69.6	71.2	72.2	73.1	73.3	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.1	74.1	74.1
IV 3500	65.2	71.0	72.8	73.8	74.7	75.0	75.7	75.7	75.7	75.9	75.9	75.9	75.9	76.0	76.0	76.0
IV 3000	66.4	72.6	74.4	75.6	76.6	76.9	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.2	78.2	78.2
IV 2500	67.9	74.4	76.6	78.0	79.1	79.6	80.7	80.7	80.7	80.9	80.9	80.9	80.9	81.0	81.0	81.0
IV 2000	69.4	76.4	78.7	80.2	81.6	82.0	83.2	83.3	83.3	83.6	83.6	83.6	83.6	83.7	83.7	83.7
IV 1800	70.8	77.9	80.2	81.8	83.3	83.8	85.1	85.3	85.3	85.6	85.6	85.6	85.6	85.7	85.7	85.7
IV 1500	72.3	79.9	82.3	84.0	86.1	86.6	87.9	88.3	88.3	88.7	88.7	88.7	88.7	88.8	88.8	88.8
IV 1200	73.6	81.6	84.0	85.7	87.9	88.3	89.7	90.2	90.2	90.8	90.9	90.9	90.9	91.0	91.0	91.0
IV 1000	74.3	82.4	84.9	86.7	89.0	89.4	90.9	91.4	91.4	92.3	92.6	92.6	92.6	92.7	92.7	92.7
IV 900	74.7	83.1	85.6	87.3	89.7	90.2	91.7	92.2	92.2	93.1	93.3	93.3	93.3	93.4	93.4	93.4
IV 800	75.2	84.1	86.6	88.3	90.7	91.2	93.0	93.6	93.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9
IV 700	75.6	85.8	88.2	90.1	92.4	93.0	94.9	95.4	95.4	96.6	96.8	96.8	96.8	96.9	96.9	96.9
IV 600	76.1	86.4	88.9	90.8	93.1	93.7	95.6	96.1	96.1	97.2	97.4	97.4	97.4	97.6	97.6	97.6
IV 500	76.7	87.4	89.9	91.9	94.2	94.8	96.7	97.3	97.3	98.4	98.7	98.7	98.7	98.8	98.8	98.8
IV 400	77.0	87.9	90.3	92.3	94.7	95.2	97.2	97.9	97.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4
IV 300	77.0	87.9	90.3	92.3	94.7	95.2	97.2	97.9	97.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4
IV 200	77.0	87.9	90.3	92.3	94.7	95.2	97.2	97.9	97.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4
IV 100	77.0	87.9	90.3	92.3	94.7	95.2	97.2	97.9	97.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4
IV 0	77.0	87.9	90.3	92.3	94.7	95.2	97.2	97.9	97.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

26202
STATION

NOBMAN WELLS NWT DHT ART
STATION NAME

57-66

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0020-0200
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	51.5	51.4	54.3	54.7	55.5	55.9	56.6	56.6	56.7	56.9	57.8	57.8	58.3	58.7	58.3	58.3
≥20000	52.5	54.7	55.7	56.1	57.2	57.3	58.0	58.0	58.1	58.3	59.2	59.2	59.7	59.7	59.7	59.7
IV 18000	52.0	54.9	55.9	56.3	57.4	57.5	58.2	58.2	58.3	58.5	59.5	59.5	59.9	59.9	59.9	59.9
IV 16000	52.9	55.3	56.2	56.7	57.7	57.6	58.5	58.5	58.6	58.8	59.8	59.8	60.2	60.2	60.2	60.2
IV 14000	53.2	55.6	56.6	57.0	58.1	58.2	58.8	58.8	58.9	59.1	60.1	60.1	60.5	60.5	60.5	60.5
IV 12000	54.2	56.6	57.5	58.0	59.0	59.1	59.8	59.8	59.9	60.1	61.1	61.1	61.5	61.5	61.5	61.5
IV 10000	58.6	61.0	62.2	62.8	63.9	64.0	64.7	64.7	64.8	65.1	66.0	66.0	66.5	66.5	66.5	66.5
IV 9000	60.3	63.1	64.9	65.7	66.8	66.9	67.6	67.6	67.7	68.0	68.9	68.9	69.4	69.4	69.4	69.4
IV 8000	63.3	67.0	68.9	69.9	71.0	71.1	72.0	72.0	72.2	72.4	73.3	73.3	73.8	73.8	73.8	73.8
IV 7000	65.8	70.1	72.2	73.2	74.9	75.2	76.2	76.2	76.3	76.6	77.5	77.5	78.0	78.0	78.0	78.0
IV 6000	66.0	70.4	72.5	73.7	75.5	75.7	76.8	76.8	76.9	77.1	78.1	78.1	78.5	78.5	78.5	78.5
IV 5000	67.4	72.2	74.4	75.7	77.6	77.8	78.9	78.9	79.0	79.2	80.2	80.2	80.6	80.6	80.6	80.6
IV 4500	68.0	72.9	75.2	76.9	78.4	78.6	79.8	79.8	79.9	80.1	81.1	81.1	81.5	81.5	81.5	81.5
IV 4000	69.5	74.7	77.0	78.3	80.2	80.4	81.6	81.6	81.7	81.9	82.9	82.9	83.3	83.3	83.3	83.3
IV 3500	70.2	75.0	78.3	79.8	81.9	82.2	83.7	83.7	83.8	84.0	85.1	85.1	85.5	85.5	85.5	85.5
IV 3000	71.8	77.8	80.4	81.7	84.0	84.3	86.2	86.2	86.3	86.7	87.8	87.8	88.3	88.3	88.3	88.3
IV 2500	72.4	78.9	81.6	83.1	85.4	85.7	87.6	87.6	87.7	88.2	89.4	89.4	89.8	89.8	89.8	89.8
IV 2000	73.3	80.0	82.9	84.7	87.2	87.5	89.7	89.7	89.8	90.2	91.4	91.4	92.2	92.2	92.2	92.2
IV 1800	73.3	80.0	83.1	85.1	87.5	87.8	90.0	90.0	90.1	90.5	91.7	91.7	92.5	92.5	92.5	92.5
IV 1500	73.7	80.4	83.7	85.8	88.8	89.4	91.6	91.6	91.7	92.4	93.5	93.5	94.3	94.3	94.3	94.3
IV 1200	74.8	81.7	84.9	87.1	90.3	90.9	93.1	93.1	93.2	94.1	95.3	95.3	96.0	96.0	96.2	96.2
IV 1000	75.1	82.2	85.4	87.5	90.9	91.5	93.8	93.8	93.9	94.8	96.0	96.0	96.8	96.8	97.0	97.0
IV 900	75.5	82.6	85.8	88.0	91.5	92.2	94.4	94.4	94.5	95.5	96.7	96.7	97.4	97.4	97.6	97.6
IV 800	75.8	83.0	86.2	88.3	92.3	92.9	95.2	95.2	95.3	96.2	97.4	97.4	98.2	98.2	98.4	98.4
IV 700	75.9	83.1	86.5	88.7	92.7	93.3	95.6	95.6	95.7	96.8	98.0	98.0	98.7	98.7	98.9	98.9
IV 600	75.9	83.3	86.7	88.9	93.1	93.8	96.0	96.1	96.2	97.3	98.5	98.5	99.2	99.2	99.5	99.5
IV 500	75.9	83.4	86.8	89.0	93.2	93.9	96.1	96.2	96.3	97.4	98.6	98.6	99.4	99.4	99.6	99.6
IV 400	75.9	83.4	86.8	89.0	93.3	94.0	96.2	96.3	96.3	97.6	98.8	98.8	99.6	99.6	99.8	99.8
IV 300	75.9	83.4	86.8	89.0	93.3	94.0	96.2	96.3	96.3	97.6	98.8	98.8	99.6	99.6	99.8	99.8
IV 200	75.9	83.4	86.8	89.0	93.3	94.0	96.2	96.3	96.3	97.6	98.8	98.8	99.6	99.6	99.8	99.8
IV 100	75.9	83.4	86.9	89.1	93.4	94.2	96.3	96.6	96.7	97.8	99.0	99.0	99.8	99.8	100.0	100.0
IV 0	75.9	83.4	86.9	89.1	93.4	94.2	96.3	96.6	96.7	97.8	99.0	99.0	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATIONNEUMAN WELLS NET DUT APT
STATION NAME

57-66

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	51.8	54.0	54.9	55.4	56.7	56.9	57.4	57.4	57.4	57.5	57.8	57.9	58.5	58.5	58.5	58.7	58.7
≥ 20000	53.2	55.5	56.6	57.0	58.3	58.5	59.0	59.0	59.0	59.1	59.5	59.5	60.1	60.1	60.1	60.3	60.3
IV 18000	53.4	55.7	56.8	57.2	58.5	58.7	59.2	59.2	59.2	59.4	59.7	59.7	60.3	60.3	60.3	60.5	60.5
IV 16000	53.8	56.0	57.1	57.5	58.8	59.0	59.6	59.6	59.6	59.7	60.0	60.0	60.6	60.6	60.6	60.9	60.9
IV 14000	54.8	57.1	58.2	58.6	59.9	60.1	60.6	60.6	60.6	60.8	61.1	61.1	61.7	61.7	61.7	61.9	61.9
IV 12000	55.8	58.1	59.1	59.6	60.9	61.1	61.6	61.6	61.6	61.7	62.0	62.0	62.7	62.7	62.7	62.9	62.9
IV 10000	59.5	61.7	62.8	63.2	64.6	64.8	65.4	65.4	65.4	65.5	65.8	65.8	66.5	66.5	66.5	66.7	66.7
IV 9000	60.8	63.4	64.5	64.9	66.3	66.6	67.1	67.1	67.1	67.2	67.5	67.5	68.2	68.2	68.2	68.4	68.4
IV 8000	63.1	66.2	67.4	68.1	69.6	69.8	70.6	70.6	70.6	70.8	71.1	71.1	71.7	71.7	71.7	71.9	71.9
IV 7000	65.7	68.8	70.0	71.0	73.0	73.2	74.1	74.1	74.1	74.2	74.5	74.5	75.3	75.3	75.3	75.5	75.5
IV 6000	65.8	68.9	70.3	71.4	73.4	73.7	74.5	74.5	74.5	74.6	74.9	74.9	75.7	75.7	75.7	75.9	75.9
IV 5000	67.5	71.4	72.8	74.0	76.1	76.3	77.2	77.2	77.2	77.3	77.6	77.6	78.4	78.4	78.4	78.6	78.6
IV 4500	68.4	72.7	74.1	75.3	77.4	77.6	78.5	78.5	78.5	78.6	78.9	78.9	79.7	79.7	79.7	79.9	79.9
IV 4000	70.2	74.9	76.5	77.8	80.1	80.3	81.2	81.2	81.2	81.3	81.6	81.6	82.4	82.4	82.5	82.7	82.7
IV 3500	70.8	75.7	77.2	78.6	81.0	81.2	82.0	82.0	82.0	82.2	82.5	82.5	83.2	83.2	83.3	83.5	83.5
IV 3000	71.7	77.2	78.7	80.1	82.7	82.9	83.9	83.9	83.9	84.0	84.4	84.4	85.2	85.2	85.3	85.5	85.5
IV 2500	73.3	79.4	80.9	82.6	85.2	85.5	86.6	86.7	86.7	86.8	87.2	87.2	88.0	88.0	88.1	88.3	88.3
IV 2000	74.0	80.4	82.2	84.0	86.8	87.0	88.3	88.5	88.5	88.6	89.0	89.0	89.8	89.8	90.0	90.2	90.2
IV 1800	74.1	80.7	82.6	84.5	87.4	87.6	88.9	89.2	89.2	89.4	89.8	89.8	90.5	90.5	90.8	91.0	91.0
IV 1500	74.6	81.7	83.7	85.8	88.8	89.0	90.5	90.9	90.9	91.2	91.6	91.6	92.4	92.4	92.6	92.9	92.9
IV 1200	76.2	83.5	85.6	88.0	91.3	91.5	93.0	93.3	93.3	94.1	94.5	94.5	95.5	95.5	95.7	96.0	96.0
IV 1000	76.6	83.9	85.9	88.3	92.2	92.4	93.9	94.2	94.2	95.1	95.5	95.5	96.5	96.5	96.8	97.1	97.1
IV 900	76.6	83.9	85.9	88.3	92.3	92.5	94.0	94.3	94.3	95.4	95.8	95.8	96.8	96.8	97.1	97.4	97.4
IV 800	76.8	84.1	86.1	88.5	92.5	92.7	94.2	94.5	94.5	95.6	96.0	96.0	97.0	97.0	97.3	97.6	97.6
IV 700	76.8	84.2	86.2	88.6	93.0	93.2	94.7	95.1	95.1	96.1	96.6	96.6	97.5	97.5	97.8	98.2	98.2
IV 600	76.8	84.4	86.5	88.8	93.2	93.4	94.9	95.3	95.3	96.3	96.9	96.9	97.8	97.8	98.2	98.5	98.5
IV 500	76.8	84.6	86.7	89.1	93.5	93.8	95.3	95.7	95.7	96.9	97.5	97.5	98.7	98.7	99.0	99.4	99.4
IV 400	76.8	84.6	86.7	89.1	93.5	93.8	95.4	95.8	95.8	97.1	97.7	97.7	98.9	98.9	99.2	99.6	99.6
IV 300	76.8	84.6	86.7	89.1	93.5	93.8	95.4	95.8	95.8	97.1	97.7	97.7	98.9	98.9	99.2	99.6	99.6
IV 200	76.8	84.6	86.7	89.1	93.5	93.8	95.4	95.8	95.8	97.1	97.7	97.7	98.9	98.9	99.2	99.6	99.6
IV 100	76.8	84.6	86.7	89.1	93.5	93.8	95.4	95.8	95.8	97.2	97.8	97.8	99.1	99.1	99.6	100.0	100.0
IV 0	76.8	84.6	86.7	89.1	93.5	93.8	95.4	95.8	95.8	97.2	97.8	97.8	99.1	99.1	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING (ORAS)

13782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26212
STATION

WELLS NVT DIST APT
STATION NAME

57-66
YEARS

MONTH

FC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	49.1	51.4	51.9	52.6	53.3	53.7	54.0	54.1	54.4	54.5	54.6	54.6	54.9	54.9	54.9	54.9
≥ 20000	49.4	52.4	52.9	53.5	54.5	54.6	54.9	55.1	55.4	55.5	55.6	55.6	55.9	55.9	55.9	55.9
≥ 18000	50.1	52.7	53.2	53.9	54.8	54.9	55.3	55.4	55.7	55.8	55.9	55.9	56.2	56.2	56.2	56.2
≥ 16000	50.8	53.3	53.9	54.5	55.5	55.6	55.9	56.0	56.3	56.3	56.6	56.6	56.9	56.9	56.9	56.9
≥ 14000	51.4	54.0	54.5	55.2	56.1	56.2	56.6	56.7	57.0	57.1	57.2	57.2	57.5	57.5	57.5	57.5
≥ 12000	52.4	54.9	55.5	56.1	57.1	57.2	57.5	57.6	58.0	58.1	58.2	58.2	58.5	58.5	58.5	58.5
≥ 10000	55.8	58.6	59.4	60.3	61.3	61.4	61.6	61.9	62.3	62.3	62.6	62.6	62.9	62.9	62.9	62.9
≥ 9000	57.2	60.2	61.0	62.2	63.2	63.3	63.6	63.9	64.2	64.4	64.5	64.5	64.8	64.8	64.8	64.8
≥ 8000	59.9	63.5	64.8	66.2	67.6	67.7	68.4	68.5	68.8	69.1	69.2	69.2	69.6	69.6	69.6	69.6
≥ 7000	64.0	68.0	69.5	71.3	72.0	73.1	73.9	74.0	74.3	74.6	74.9	74.9	75.3	75.3	75.3	75.3
≥ 6000	64.7	69.0	70.5	72.4	74.1	74.2	75.1	75.2	75.5	75.8	76.1	76.1	76.5	76.5	76.5	76.5
≥ 5000	66.7	72.4	74.0	76.0	77.8	78.0	78.8	78.9	79.2	79.6	79.9	79.9	80.2	80.2	80.2	80.2
≥ 4500	67.6	73.5	75.2	77.4	79.2	79.4	80.2	80.3	80.6	81.0	81.3	81.3	81.6	81.6	81.6	81.6
≥ 4000	68.7	74.7	76.3	78.8	81.1	81.2	82.3	82.4	82.7	83.0	83.3	83.3	83.7	83.7	83.8	83.8
≥ 3500	69.0	75.5	77.1	79.6	81.8	81.9	83.0	83.1	83.4	83.8	84.1	84.1	84.5	84.5	84.7	84.7
≥ 3000	70.0	77.2	78.9	81.4	83.9	84.0	85.1	85.2	85.5	85.8	86.1	86.1	86.6	86.6	86.8	86.8
≥ 2500	71.6	79.1	80.9	83.4	86.0	86.2	87.3	87.5	87.8	88.2	88.5	88.5	88.9	88.9	89.1	89.1
≥ 2000	71.7	79.6	81.3	84.0	86.8	87.1	88.3	88.7	89.0	89.4	89.7	89.7	90.1	90.1	90.3	90.3
≥ 1800	72.2	80.0	81.7	84.4	87.2	87.5	88.9	89.4	89.7	90.0	90.3	90.3	90.8	90.8	91.0	91.0
≥ 1500	73.2	81.5	83.4	86.1	88.9	89.3	91.3	91.8	92.2	92.5	92.8	92.8	93.2	93.2	93.4	93.4
≥ 1200	74.1	82.7	84.6	87.3	90.2	90.8	92.6	93.1	93.4	94.1	94.5	94.5	95.2	95.2	95.4	95.4
≥ 1000	74.7	83.4	85.4	88.1	91.7	92.3	94.1	94.6	94.9	95.6	96.0	96.0	96.7	96.7	96.9	96.9
≥ 900	74.8	83.5	85.5	88.2	92.0	92.6	94.4	94.9	95.3	96.1	96.6	96.6	97.2	97.2	97.4	97.4
≥ 800	75.1	83.8	85.7	88.4	92.4	92.9	94.7	95.3	95.6	96.6	97.0	97.0	97.6	97.6	97.8	97.8
≥ 700	75.1	83.9	85.8	88.5	92.8	93.3	95.2	95.7	96.0	97.1	97.8	97.8	98.5	98.5	98.7	98.7
≥ 600	75.1	83.9	85.8	88.5	92.9	93.4	95.3	95.9	96.2	97.3	98.1	98.1	98.8	98.8	99.0	99.0
≥ 500	75.1	83.9	85.8	88.6	93.1	93.7	95.6	96.2	96.6	97.6	98.5	98.5	99.2	99.2	99.5	99.5
≥ 400	75.2	84.0	85.9	88.7	93.2	93.8	95.7	96.3	96.7	97.7	98.6	98.6	99.4	99.4	99.6	99.6
≥ 300	75.2	84.0	85.9	88.7	93.2	93.8	95.7	96.3	96.7	97.8	98.7	98.7	99.5	99.5	99.7	99.7
≥ 200	75.2	84.0	85.9	88.7	93.2	93.8	95.7	96.3	96.7	97.8	98.8	98.8	99.6	99.6	99.8	99.8
≥ 100	75.2	84.0	85.9	88.8	93.3	93.9	95.8	96.5	96.8	98.0	98.9	98.9	99.8	99.8	100.0	100.0
≥ 0	75.2	84.0	85.9	88.8	93.3	93.9	95.8	96.5	96.8	98.0	98.9	98.9	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

OPMAN WELLS AWT DUT APT
STATION NAME

57-66
YEARS

EC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9900-1100
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	40.9	42.3	42.5	43.3	43.4	43.8	46.0	46.8	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	43.2	44.8	45.2	46.0	48.1	48.5	49.2	49.5	49.5	49.6	49.6	49.8	49.8	49.8	49.8	49.8
≥ 18000	43.3	44.9	45.3	46.1	48.2	48.6	49.4	49.6	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9
≥ 16000	43.4	45.1	45.4	46.2	48.3	48.7	49.5	49.7	49.7	49.8	50.0	50.0	50.0	50.0	50.0	50.0
≥ 14000	44.2	45.6	46.1	47.0	49.0	49.5	50.2	50.4	50.4	50.5	50.8	50.8	50.8	50.8	50.8	50.8
≥ 12000	45.7	47.3	47.6	48.5	50.5	51.0	51.7	51.9	51.9	52.0	52.3	52.3	52.3	52.3	52.3	52.3
≥ 10000	50.6	52.7	53.0	53.9	55.9	56.3	57.1	57.3	57.3	57.6	57.8	57.8	57.8	57.8	57.8	57.8
≥ 9000	53.3	56.0	56.5	57.4	59.7	60.2	61.1	61.4	61.4	61.7	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	56.8	60.0	60.6	61.9	63.1	63.9	67.1	67.4	67.4	67.7	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	61.3	65.2	66.1	67.6	71.1	71.9	73.2	73.5	73.5	74.1	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	62.0	66.0	67.0	68.5	71.9	72.9	74.2	74.6	74.6	75.2	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	63.4	67.7	68.8	70.5	74.5	75.6	76.9	77.3	77.3	77.8	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	64.1	68.4	69.5	71.3	75.3	76.3	77.6	78.2	78.2	78.7	78.9	78.9	79.0	79.0	79.0	79.0
≥ 4000	64.8	69.8	71.0	72.9	77.0	78.2	79.6	80.2	80.2	80.9	81.2	81.2	81.3	81.3	81.3	81.3
≥ 3500	65.6	71.0	72.3	74.4	78.5	79.8	81.3	82.0	82.0	82.7	83.0	83.0	83.1	83.1	83.1	83.1
≥ 3000	66.6	72.5	73.9	76.5	80.9	82.2	83.7	84.4	84.4	85.2	85.5	85.5	85.8	85.8	85.8	85.8
≥ 2500	67.5	73.8	75.4	78.3	82.7	84.1	85.8	86.7	86.7	87.6	88.1	88.2	88.5	88.5	88.5	88.5
≥ 2000	68.2	74.6	76.3	79.2	84.1	85.6	87.4	88.7	88.7	90.0	90.5	90.6	91.0	91.0	91.0	91.0
≥ 1800	68.5	74.9	76.7	79.6	84.4	85.9	87.8	89.2	89.2	90.6	91.3	91.4	91.7	91.7	91.7	91.7
≥ 1500	68.6	75.4	77.1	80.2	85.2	86.8	89.4	90.9	90.9	92.3	92.9	93.0	93.3	93.3	93.3	93.3
≥ 1200	68.9	76.0	77.8	81.2	86.7	88.3	90.9	92.5	92.5	94.3	94.9	95.1	95.4	95.4	95.4	95.4
≥ 1000	69.4	76.8	78.8	82.2	87.6	89.2	91.9	93.5	93.5	95.5	96.2	96.5	96.8	96.8	96.8	96.8
≥ 900	69.7	77.1	79.1	82.6	88.1	89.8	92.6	94.3	94.3	96.3	97.1	97.3	97.6	97.6	97.6	97.6
≥ 800	69.8	77.4	79.5	83.0	88.5	90.2	93.0	94.7	94.7	96.9	97.7	98.0	98.4	98.4	98.4	98.4
≥ 700	69.8	77.4	79.5	83.0	88.5	90.3	93.1	94.8	94.8	97.0	97.8	98.1	98.5	98.5	98.5	98.5
≥ 600	69.8	77.6	79.7	83.2	88.7	90.5	93.3	95.1	95.1	97.3	98.2	98.4	99.0	99.0	99.0	99.0
≥ 500	69.8	77.6	79.7	83.2	88.7	90.6	93.5	95.4	95.4	97.6	98.5	98.7	99.4	99.4	99.4	99.4
≥ 400	69.8	77.6	79.7	83.2	88.7	90.6	93.7	95.5	95.5	97.7	98.6	98.8	99.5	99.5	99.5	99.5
≥ 300	69.8	77.6	79.7	83.2	88.7	90.6	93.7	95.7	95.7	98.0	98.8	99.0	99.7	99.7	99.7	99.7
≥ 200	69.8	77.6	79.7	83.2	88.8	90.8	93.8	95.8	95.8	98.1	99.1	99.4	100.0	100.0	100.0	100.0
≥ 100	69.8	77.6	79.7	83.2	88.8	90.8	93.8	95.8	95.8	98.1	99.1	99.4	100.0	100.0	100.0	100.0
≥ 0	69.8	77.6	79.7	83.2	88.8	90.8	93.8	95.8	95.8	98.1	99.1	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 64 JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ALC

CEILING VERSUS VISIBILITY

06202
STATION

WILSON WELLS WPT COT APT
STATION NAME

57-66

YEARS

LC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	42.2	44.6	45.4	46.1	46.7	47.3	47.4	47.4	47.7	48.2	48.5	48.5	48.8	48.9	48.9	48.9
≥ 20000	46.3	49.1	50.4	51.5	52.2	53.0	53.1	53.1	53.4	53.9	54.2	54.2	54.5	54.6	54.6	54.6
IV 18000	46.8	49.6	50.9	52.0	52.6	53.4	53.5	53.5	53.9	54.3	54.6	54.6	54.9	55.1	55.1	55.1
IV 16000	46.8	49.6	50.9	52.0	52.6	53.4	53.5	53.5	53.9	54.3	54.6	54.6	54.9	55.1	55.1	55.1
IV 14000	46.9	49.7	51.0	52.2	52.7	53.5	53.7	53.7	54.0	54.4	54.7	54.7	55.1	55.2	55.2	55.2
IV 12000	48.1	51.0	52.3	53.4	54.0	54.8	54.9	54.9	55.3	55.7	56.0	56.0	56.3	56.5	56.5	56.5
IV 10000	51.9	55.4	56.7	58.0	58.6	59.5	59.6	59.6	59.9	60.3	60.6	60.6	61.0	61.1	61.1	61.1
IV 9000	55.1	59.1	60.5	61.8	62.5	63.8	64.0	64.1	64.4	64.9	65.3	65.3	65.6	65.7	65.7	65.7
IV 8000	58.5	62.8	64.5	65.9	67.2	68.5	68.8	68.9	69.2	69.9	70.3	70.3	71.0	71.1	71.1	71.1
IV 7000	61.9	67.0	69.1	71.2	72.8	74.1	74.7	74.8	75.2	75.8	76.2	76.2	76.9	77.0	77.0	77.0
IV 6000	62.7	68.0	70.1	72.2	73.9	75.2	75.8	75.9	76.2	77.0	77.5	77.5	78.2	78.3	78.3	78.3
IV 5000	64.3	69.8	71.9	74.1	76.0	77.3	78.0	78.1	78.4	79.1	79.8	79.8	80.4	80.5	80.5	80.5
IV 4500	64.5	70.0	72.2	74.3	76.3	77.6	78.3	78.4	78.7	79.5	80.1	80.1	80.8	80.9	80.9	80.9
IV 4000	64.9	70.6	72.8	75.1	77.2	78.5	79.1	79.4	79.7	80.5	81.2	81.2	81.9	82.0	82.0	82.0
IV 3500	65.4	71.3	73.7	76.0	78.4	79.7	80.4	80.6	81.0	81.9	82.7	82.7	83.4	83.5	83.5	83.5
IV 3000	66.2	72.5	74.9	77.5	79.9	81.2	82.2	82.4	82.7	84.1	85.2	85.2	86.0	86.1	86.1	86.1
IV 2500	66.3	72.9	75.7	78.7	81.2	82.6	83.7	84.0	84.3	85.8	87.0	87.0	87.8	88.0	88.0	88.0
IV 2000	66.8	73.5	76.3	79.7	82.5	84.4	85.5	86.0	86.3	87.8	89.2	89.2	90.1	90.2	90.2	90.2
IV 1800	66.9	73.8	76.6	79.9	82.7	84.7	86.0	86.6	86.9	88.4	89.8	89.8	90.6	90.8	90.8	90.8
IV 1500	67.1	74.3	77.3	81.0	84.2	86.5	88.3	88.9	89.2	91.2	92.7	92.7	93.8	93.9	93.9	93.9
IV 1200	67.3	74.7	78.1	81.9	85.2	87.4	89.5	90.1	90.4	92.8	94.4	94.4	95.5	95.6	95.6	95.6
IV 1000	67.6	75.1	78.5	82.4	85.8	88.0	90.3	91.2	91.5	94.5	96.1	96.1	97.4	97.5	97.5	97.5
IV 900	67.6	75.3	78.7	82.7	85.9	88.3	90.6	91.5	91.8	94.8	96.6	96.6	97.8	98.0	98.0	98.0
IV 800	67.7	75.4	78.8	82.9	86.1	88.5	91.0	91.8	92.2	95.2	96.9	97.1	98.2	98.3	98.4	98.4
IV 700	67.8	75.5	78.9	83.0	86.2	88.7	91.2	92.0	92.4	95.4	97.1	97.3	98.4	98.5	98.6	98.6
IV 600	67.8	75.5	78.9	83.0	86.3	88.9	91.4	92.4	92.7	95.7	97.6	97.8	98.9	99.0	99.1	99.1
IV 500	67.8	75.5	78.9	83.0	86.3	88.9	91.4	92.4	92.7	95.7	97.6	97.8	98.9	99.0	99.1	99.1
IV 400	67.8	75.6	79.0	83.1	86.6	89.1	91.7	92.7	93.0	96.0	98.0	98.2	99.4	99.5	99.8	99.8
IV 300	67.8	75.6	79.0	83.1	86.6	89.1	91.7	92.8	93.1	96.2	98.2	98.4	99.6	99.7	100.0	100.0
IV 200	67.8	75.6	79.0	83.1	86.6	89.1	91.7	92.8	93.1	96.2	98.2	98.4	99.6	99.7	100.0	100.0
IV 100	67.8	75.6	79.0	83.1	86.6	89.1	91.7	92.8	93.1	96.2	98.2	98.4	99.6	99.7	100.0	100.0
IV 0	67.8	75.6	79.0	83.1	86.6	89.1	91.7	92.8	93.1	96.2	98.2	98.4	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26702
STATION

HORNWELL NPT DPT APT
STATION NAME

57-66
YEARS

MONTH

OFF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥5/16	≥1/8	≥0	≥0
NO CEILING	41.6	45.1	45.3	46.5	47.7	48.2	48.8	49.0	49.2	49.4	49.5	49.5	50.0	50.0	50.0	50.0
≥ 20000	43.2	48.7	49.1	50.8	52.3	52.7	53.3	53.5	53.8	53.9	54.0	54.0	54.5	54.5	54.5	54.5
IV 18000	45.3	48.9	49.4	51.0	52.5	52.9	53.5	53.8	54.0	54.1	54.2	54.2	54.7	54.7	54.7	54.7
IV 16000	45.3	49.1	49.6	51.2	52.7	53.1	53.8	54.0	54.2	54.3	54.4	54.4	54.9	54.9	54.9	54.9
IV 14000	45.4	49.2	49.7	51.3	52.9	53.3	54.0	54.2	54.4	54.5	54.6	54.6	55.2	55.2	55.2	55.2
IV 12000	47.3	51.2	51.7	53.3	54.9	55.4	56.0	56.2	56.5	56.6	56.7	56.7	57.2	57.2	57.2	57.2
IV 10000	51.4	55.7	56.5	58.1	59.8	60.2	61.0	61.3	61.5	61.6	61.7	61.7	62.3	62.3	62.3	62.3
IV 9000	55.4	60.1	60.9	62.6	64.5	64.9	65.7	66.1	66.3	66.6	66.7	66.7	67.4	67.4	67.4	67.4
IV 8000	59.2	64.8	66.1	68.0	70.8	71.3	72.2	72.6	72.8	73.2	73.5	73.5	74.3	74.3	74.3	74.3
IV 7000	62.4	68.7	70.6	73.1	75.9	76.5	77.5	78.0	78.2	78.6	78.9	78.9	79.7	79.7	79.7	79.7
IV 6000	62.9	69.4	71.6	74.1	76.9	77.4	78.5	78.9	79.1	79.6	79.9	79.9	80.6	80.6	80.6	80.6
IV 5000	63.9	70.3	72.4	75.2	78.0	78.5	79.6	80.0	80.2	80.6	81.0	81.0	81.7	81.7	81.7	81.7
IV 4500	64.2	70.9	72.9	75.7	78.5	79.0	80.1	80.5	80.8	81.2	81.5	81.5	82.3	82.3	82.3	82.3
IV 4000	65.6	72.5	74.6	77.6	80.6	81.2	82.3	82.7	82.9	83.3	83.7	83.7	84.4	84.4	84.4	84.4
IV 3500	66.2	73.7	75.8	78.8	82.0	82.6	83.8	84.2	84.4	84.9	85.3	85.3	86.0	86.0	86.0	86.0
IV 3000	66.8	74.5	76.8	79.9	83.4	84.0	85.4	85.8	86.2	86.9	87.4	87.4	88.2	88.2	88.2	88.2
IV 2500	67.6	75.7	78.1	81.2	84.7	85.4	87.1	87.7	88.2	89.0	89.6	89.6	90.3	90.3	90.3	90.3
IV 2000	68.1	76.5	79.2	82.7	86.7	87.4	89.4	90.0	90.4	91.4	91.9	91.9	92.7	92.7	92.7	92.7
IV 1800	68.4	76.9	79.8	83.2	87.2	88.1	90.1	90.8	91.2	92.2	92.7	92.7	93.4	93.4	93.4	93.4
IV 1500	68.8	77.4	80.3	84.2	89.1	90.1	92.6	93.4	93.9	95.1	95.6	95.6	96.3	96.3	96.3	96.3
IV 1200	69.0	77.6	80.9	84.7	89.7	91.0	93.5	94.5	94.9	96.2	96.8	96.8	97.5	97.5	97.5	97.5
IV 1000	69.0	77.7	81.1	85.1	90.5	91.8	94.7	95.8	96.2	97.6	98.2	98.2	99.0	99.0	99.0	99.0
IV 900	69.0	77.7	81.1	85.2	90.6	91.9	94.8	95.9	96.3	97.7	98.3	98.3	99.1	99.1	99.1	99.1
IV 800	69.0	77.7	81.1	85.2	90.6	91.9	94.8	95.9	96.3	97.7	98.3	98.3	99.1	99.1	99.1	99.1
IV 700	69.0	77.7	81.1	85.2	90.6	91.9	94.8	95.9	96.3	97.7	98.3	98.3	99.1	99.1	99.1	99.1
IV 600	69.0	77.7	81.1	85.2	90.6	91.9	94.8	95.9	96.3	97.7	98.3	98.3	99.1	99.1	99.1	99.1
IV 500	69.0	77.7	81.1	85.2	90.6	91.9	94.8	95.9	96.3	97.7	98.3	98.3	99.1	99.1	99.1	99.1
IV 400	69.0	77.7	81.1	85.2	90.6	91.9	94.8	95.9	96.3	97.7	98.3	98.3	99.1	99.1	99.1	99.1
IV 300	69.0	77.7	81.1	85.2	90.6	91.9	94.8	95.9	96.3	97.7	98.3	98.3	99.1	99.1	99.1	99.1
IV 200	69.0	77.7	81.1	85.2	90.6	91.9	94.8	95.9	96.3	97.7	98.3	98.3	99.1	99.1	99.1	99.1
IV 100	69.0	77.7	81.1	85.2	90.6	91.9	94.8	95.9	96.3	97.7	98.3	98.3	99.1	99.1	99.1	99.1
IV 0	69.0	77.7	81.1	85.2	90.6	91.9	94.8	95.9	96.3	97.7	98.3	98.3	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AEC

CEILING VERSUS VISIBILITY

20202
STATION

WORMEN WELLS HST OOT APT
STATION NAME

57-66
YEARS

MONTH

1400-2000
HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/3	≥ 1/4	≥ 1/5	≥ 1/10
NO CEILING	46.9	50.1	51.0	51.3	52.9	53.0	54.1	54.1	54.3	54.7	54.8	54.8	55.3	55.3	55.5	55.7
≥ 20000	43.4	51.7	52.6	53.3	54.9	55.1	56.1	56.1	56.3	56.8	56.9	56.9	57.3	57.3	57.5	57.7
≥ 18000	48.5	51.8	52.7	53.4	55.1	55.2	56.2	56.2	56.5	56.9	57.0	57.0	57.4	57.4	57.6	57.8
≥ 16000	46.6	52.0	52.9	53.7	55.3	55.4	56.5	56.5	56.7	57.1	57.2	57.2	57.6	57.6	57.8	58.1
IV 14000	49.2	52.7	53.5	54.5	56.1	56.2	57.3	57.3	57.5	58.0	58.1	58.1	58.5	58.5	58.7	58.9
IV 12000	50.3	53.6	54.6	55.6	57.2	57.3	58.4	58.4	58.6	59.0	59.1	59.1	59.6	59.6	59.8	60.0
IV 10000	54.0	59.0	60.1	61.6	63.2	63.3	64.4	64.4	64.6	65.1	65.2	65.2	65.6	65.6	65.8	66.0
IV 9000	56.2	61.1	62.2	63.7	65.4	65.5	66.6	66.9	67.1	67.5	67.6	67.6	68.1	68.1	68.3	68.5
IV 8000	59.3	64.6	66.2	67.7	69.7	69.8	70.9	71.2	71.4	72.2	72.3	72.3	72.7	72.7	72.9	73.1
IV 7000	62.6	69.5	71.1	73.1	75.4	75.5	76.6	77.0	77.2	78.0	78.1	78.1	78.5	78.5	78.7	78.9
IV 6000	63.3	70.6	72.3	74.5	76.8	76.9	78.0	78.4	78.6	79.4	79.5	79.5	79.9	79.9	80.1	80.3
IV 5000	63.8	70.9	72.5	74.9	77.4	77.5	78.6	79.0	79.2	80.0	80.1	80.1	80.5	80.5	80.8	81.0
IV 4500	64.1	71.4	73.1	75.8	78.3	78.4	79.5	79.9	80.1	80.9	81.0	81.0	81.4	81.4	81.6	81.8
IV 4000	64.6	72.6	74.5	77.3	80.2	80.3	81.6	82.0	82.3	83.0	83.1	83.1	83.5	83.5	83.8	84.0
IV 3500	65.3	73.9	76.0	78.8	82.0	82.4	83.4	83.9	84.1	84.8	84.9	84.9	85.4	85.4	85.6	85.8
IV 3000	66.0	75.2	77.3	80.3	83.8	84.1	85.5	86.0	86.2	87.0	87.1	87.1	87.5	87.5	87.7	88.0
IV 2500	67.1	76.6	78.8	82.2	85.6	85.9	87.5	88.1	88.3	89.2	89.5	89.5	89.9	89.9	90.1	90.3
IV 2000	67.7	77.4	80.0	83.4	87.4	88.1	89.7	90.5	90.8	91.7	91.9	91.9	92.4	92.4	92.6	92.8
IV 1800	68.0	77.6	80.4	83.9	87.8	88.3	90.1	91.1	91.3	92.4	92.7	92.7	93.1	93.1	93.3	93.5
IV 1500	68.4	78.2	81.0	84.4	88.5	89.1	91.0	91.9	92.2	93.5	93.8	93.8	94.2	94.2	94.4	94.6
IV 1200	68.6	78.4	81.2	84.7	88.9	89.9	91.9	92.9	93.1	94.9	95.2	95.2	95.6	95.6	95.8	96.0
IV 1000	68.9	78.7	81.3	85.3	89.9	91.0	93.1	94.1	94.3	96.1	96.3	96.3	96.8	96.8	97.0	97.3
IV 900	69.0	78.8	81.6	85.7	90.3	91.4	93.7	94.7	94.9	96.8	97.0	97.0	97.4	97.4	97.6	98.0
IV 800	69.2	79.4	82.5	86.6	91.2	92.3	94.5	95.6	95.8	97.7	98.0	98.0	98.4	98.4	98.6	98.9
IV 700	69.2	79.6	82.7	86.8	91.4	92.3	94.8	95.9	96.1	98.1	98.3	98.3	98.8	98.8	99.0	99.4
IV 600	69.2	79.6	82.7	86.8	91.6	92.7	95.1	96.1	96.3	98.4	98.6	98.6	99.1	99.1	99.4	99.7
IV 500	69.2	79.7	82.8	86.9	91.7	92.8	95.2	96.2	96.5	98.6	98.8	98.8	99.4	99.4	99.6	100.0
IV 400	69.2	79.7	82.8	86.9	91.7	92.8	95.2	96.2	96.5	98.6	98.8	98.8	99.4	99.4	99.6	100.0
IV 300	69.2	79.7	82.8	86.9	91.7	92.8	95.2	96.2	96.5	98.6	98.8	98.8	99.4	99.4	99.6	100.0
IV 200	69.2	79.7	82.8	86.9	91.7	92.8	95.2	96.2	96.5	98.6	98.8	98.8	99.4	99.4	99.6	100.0
IV 100	69.2	79.7	82.8	86.9	91.7	92.8	95.2	96.2	96.5	98.6	98.8	98.8	99.4	99.4	99.6	100.0
IV 0	69.2	79.7	82.8	86.9	91.7	92.8	95.2	96.2	96.5	98.6	98.8	98.8	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26202
STATION

HUNTER WELLS NPT DUT APT
STATION NAME

57-66
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	52.5	51.9	53.1	53.9	55.6	55.6	56.6	56.6	56.6	57.0	57.3	57.3	57.3	57.3	57.4	57.4
≥ 20000	52.2	54.7	56.1	57.0	58.7	58.7	59.7	59.7	59.7	60.1	60.4	60.4	60.4	60.4	60.5	61.0
≥ 18000	52.2	54.7	56.1	57.1	58.8	58.8	59.8	59.8	59.8	60.2	60.5	60.5	60.5	60.5	60.6	61.1
≥ 16000	52.2	54.7	56.1	57.1	58.8	58.8	59.8	59.8	59.8	60.2	60.5	60.5	60.5	60.5	60.6	61.1
≥ 14000	52.5	55.2	56.6	57.5	59.2	59.2	60.2	60.2	60.2	60.6	61.0	61.0	61.0	61.0	61.1	61.5
≥ 12000	53.1	55.8	57.2	58.4	60.3	60.3	61.3	61.3	61.3	61.7	62.0	62.0	62.0	62.0	62.2	62.6
≥ 10000	57.6	60.9	62.3	63.9	65.9	65.9	67.0	67.0	67.0	67.4	67.7	67.7	67.7	67.7	67.9	69.3
≥ 9000	59.8	63.8	65.2	66.8	68.9	68.9	70.1	70.2	70.2	70.6	71.0	71.0	71.0	71.0	71.1	71.5
≥ 8000	61.6	67.0	68.7	70.6	73.0	73.1	74.4	74.6	74.6	75.1	75.4	75.4	75.4	75.4	75.5	75.9
≥ 7000	63.4	69.6	71.6	74.3	77.2	77.3	78.6	78.8	78.8	79.2	79.6	79.6	79.6	79.6	79.7	80.1
≥ 6000	63.7	69.9	72.0	74.8	77.8	78.0	79.2	79.5	79.5	79.9	80.2	80.2	80.2	80.2	80.3	80.8
≥ 5000	64.8	71.3	73.5	76.6	79.7	79.8	81.1	81.3	81.3	81.7	82.0	82.0	82.0	82.0	82.2	82.6
≥ 4500	65.3	71.8	74.1	77.1	80.3	80.6	81.9	82.2	82.2	82.6	82.9	82.9	82.9	82.9	83.0	83.4
≥ 4000	66.3	73.4	75.8	78.8	82.0	82.7	84.0	84.2	84.2	84.6	84.9	84.9	84.9	84.9	85.1	85.5
≥ 3500	66.8	74.1	76.6	79.6	83.4	83.5	84.9	85.2	85.2	85.6	85.9	85.9	85.9	85.9	86.0	86.5
≥ 3000	67.3	74.8	77.3	80.4	84.4	84.5	86.0	86.2	86.2	86.7	87.0	87.0	87.0	87.0	87.1	87.5
≥ 2500	68.5	75.3	78.8	81.9	85.9	86.1	87.6	87.8	87.8	88.3	88.8	88.8	88.8	88.8	88.9	89.4
≥ 2000	69.4	77.6	80.2	83.7	88.2	88.5	90.1	90.3	90.3	91.0	91.6	91.6	91.6	91.6	91.7	92.2
≥ 1800	69.4	77.7	80.3	83.8	88.5	88.8	90.5	90.8	90.8	91.4	92.0	92.0	92.0	92.0	92.2	92.6
≥ 1500	70.1	78.5	81.1	84.5	89.8	90.2	92.3	92.5	92.5	93.4	94.1	94.1	94.2	94.2	94.3	94.7
≥ 1200	70.2	78.6	81.2	85.1	90.3	90.8	93.2	93.7	93.7	95.1	95.7	95.7	95.8	95.8	95.9	96.3
≥ 1000	70.2	79.0	81.6	85.5	90.9	91.3	94.2	94.9	94.9	96.3	97.0	97.0	97.1	97.1	97.2	97.6
≥ 900	70.2	79.2	81.8	85.9	91.4	91.8	94.7	95.5	95.5	96.9	97.5	97.5	97.6	97.6	97.7	98.2
≥ 800	70.2	79.4	82.0	86.1	91.7	92.2	95.1	95.8	95.8	97.2	97.8	97.8	98.1	98.1	98.2	98.6
≥ 700	70.2	79.5	82.2	86.2	91.8	92.3	95.2	95.9	95.9	97.3	98.0	98.0	98.2	98.2	98.3	98.7
≥ 600	70.2	79.5	82.2	86.2	91.8	92.3	95.5	96.2	96.2	97.7	98.4	98.4	98.6	98.6	98.7	99.1
≥ 500	70.2	79.5	82.3	86.3	92.2	92.6	95.8	96.6	96.6	98.1	98.7	98.7	98.9	98.9	99.0	99.4
≥ 400	70.2	79.5	82.3	86.3	92.2	92.6	95.8	96.6	96.6	98.2	98.8	98.8	99.0	99.0	99.1	99.6
≥ 300	70.2	79.5	82.3	86.3	92.2	92.6	95.8	96.6	96.6	98.2	98.8	98.8	99.0	99.0	99.1	99.6
≥ 200	70.2	79.5	82.3	86.3	92.2	92.6	95.8	96.6	96.6	98.2	98.8	98.8	99.0	99.0	99.1	99.6
≥ 100	70.2	79.5	82.3	86.3	92.2	92.6	96.0	96.8	96.8	98.4	99.1	99.1	99.4	99.4	99.5	99.9
≥ 0	70.2	79.5	82.3	86.3	92.2	92.6	96.1	96.9	96.9	98.5	99.2	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 530

USAF ETAC FORM 1-1-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

26202 NURMIN WELLS NWT DDT APT

57-66

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	23.8	7.4	5.9	4.9	4.1	3.3	3.7	3.7	5.2	8.9	29.1	5.3	7440
FEB		20.7	7.3	6.1	4.8	3.8	3.1	3.3	3.8	6.4	10.7	30.1	5.6	6768
MAR		22.6	8.2	6.7	5.8	4.6	3.8	3.8	5.3	6.8	10.5	21.7	5.0	7440
APR		12.3	10.0	7.1	5.7	5.0	4.3	4.4	5.1	7.1	11.2	27.8	5.6	7200
MAY		5.6	6.9	8.6	7.4	5.9	5.0	4.6	6.8	9.9	16.8	22.6	6.3	7440
JUN		1.9	6.0	7.2	8.7	7.7	6.7	5.5	7.9	10.6	18.3	19.7	6.4	7200
JUL		.8	4.3	7.6	6.6	6.2	5.9	5.6	7.6	11.6	22.7	21.2	6.9	7440
AUG		3.6	6.7	7.1	7.0	6.1	4.5	4.6	6.3	9.3	20.1	24.6	6.6	7440
SEP		5.0	4.7	5.8	5.0	4.4	3.8	3.9	5.6	8.3	19.5	34.1	7.1	7195
OCT		5.2	4.3	4.6	3.7	3.4	2.9	3.4	4.2	6.8	15.5	46.2	7.6	7440
NOV		13.1	6.8	5.3	5.0	3.7	3.4	3.7	3.9	6.5	11.8	36.8	6.4	7200
DEC		16.3	7.4	7.1	5.7	4.4	3.9	4.0	4.7	6.8	9.3	30.3	5.7	7440
TOTALS		10.9	6.7	6.6	5.9	5.0	4.2	4.2	5.4	7.9	14.6	28.7	6.2	87643

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SKY COVER

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	33.8	6.5	4.5	4.0	2.7	3.4	3.1	3.2	3.3	6.3	28.9	4.7	930
	03-05	33.1	3.9	4.7	3.3	3.4	2.7	4.0	3.1	4.4	5.5	31.8	5.0	930
	06-08	25.7	8.7	5.8	4.9	4.0	3.8	3.5	3.3	4.0	7.0	29.2	5.0	930
	09-11	11.4	8.6	7.7	5.9	4.1	4.1	4.4	4.4	7.2	12.3	29.4	6.0	930
	12-14	13.4	8.3	5.7	6.3	5.1	2.4	3.0	5.1	8.5	15.7	26.1	5.9	930
	15-17	13.3	9.8	7.6	6.1	4.7	3.7	4.7	4.1	6.3	12.5	27.1	5.7	930
	18-20	25.4	7.5	6.6	4.8	4.4	3.5	3.7	3.1	3.7	6.3	31.0	5.1	930
	21-23	33.1	5.9	4.3	4.2	4.0	2.9	3.3	3.0	4.2	5.8	29.2	4.8	930
TOTALS		23.8	7.4	5.9	4.9	4.1	3.3	3.7	3.7	5.2	8.9	29.1	5.3	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

58

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	34.0	5.0	4.3	4.7	3.9	2.5	3.2	2.8	4.7	5.9	29.0	4.8	846
	03-05	32.3	4.8	4.6	4.0	3.3	2.8	2.6	2.8	3.9	5.8	33.0	5.0	846
	06-08	19.1	7.7	6.9	4.1	4.0	3.0	2.6	3.2	5.3	11.2	32.9	5.7	846
	09-11	9.2	8.3	5.4	6.0	3.1	2.2	3.7	3.8	8.5	15.4	34.4	6.6	846
	12-14	9.9	7.9	6.6	5.6	4.4	3.0	3.9	4.5	9.7	16.4	28.1	6.3	846
	15-17	10.4	9.3	6.4	5.9	3.7	4.3	3.9	4.6	7.9	18.1	25.5	6.1	846
	18-20	17.0	9.9	9.8	4.4	4.7	3.3	4.1	4.0	6.5	7.8	28.4	5.4	846
	21-23	33.3	5.2	4.6	3.7	3.3	3.5	2.1	4.6	4.8	5.1	29.7	4.8	846
TOTALS		20.7	7.3	6.1	4.8	3.8	3.1	3.3	3.8	6.4	10.7	30.1	5.6	6768

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26202	NORMAN WELLS NWT DDT APT
STATION	STATION NAME

57-66

4 AR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	40.2	5.7	4.7	4.9	3.9	2.9	3.1	3.8	4.7	6.6	19.5	4.0	930
	03-05	35.2	6.9	4.4	5.4	4.8	4.7	3.1	3.7	5.2	7.3	19.4	4.2	930
	06-08	13.4	10.2	7.7	7.3	4.4	3.3	5.1	5.6	5.8	11.4	23.3	5.5	930
	09-11	12.2	8.7	7.6	6.6	5.1	3.9	4.7	5.3	8.9	11.1	26.0	5.8	930
	12-14	13.4	9.0	8.4	6.3	5.7	4.0	4.4	6.6	9.0	11.0	22.2	5.5	930
	15-17	14.9	7.6	8.2	5.2	5.1	4.6	3.4	7.1	9.4	14.7	19.8	5.6	930
	18-20	16.3	9.5	6.9	6.0	6.3	4.0	2.9	6.5	6.8	14.5	20.3	5.4	930
	21-23	34.3	8.2	5.5	4.4	3.2	3.2	3.4	3.8	4.9	7.7	21.3	4.3	930
TOTALS		22.6	8.2	6.7	5.8	4.8	3.8	3.8	5.3	6.8	10.5	21.7	5.0	7440

USAF ETAC FORM 0-9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

ADR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	23.6	10.1	6.7	6.4	5.8	3.8	3.3	2.8	4.8	6.3	26.4	4.8	900
	03-05	15.0	9.7	7.2	4.3	5.3	4.1	4.1	4.1	5.9	10.2	30.0	5.7	900
	06-08	7.6	7.6	5.9	6.1	4.6	3.6	5.9	4.4	8.1	14.1	32.0	6.5	900
	09-11	9.0	8.3	6.6	5.0	4.9	3.2	4.8	6.1	8.1	13.8	30.2	6.3	900
	12-14	8.7	12.4	6.0	5.8	5.1	4.3	4.0	8.0	6.1	13.6	26.0	5.9	900
	15-17	9.7	10.6	8.6	5.4	5.2	5.3	3.1	5.8	9.2	13.2	23.9	5.8	900
	18-20	11.0	9.3	7.9	5.4	5.1	5.1	5.4	5.8	8.7	10.8	25.4	5.8	900
	21-23	13.6	11.7	8.0	7.4	3.7	4.6	4.9	4.0	6.1	7.6	28.3	5.5	900
TOTALS		12.3	10.0	7.1	5.7	5.0	4.3	4.4	5.1	7.1	11.2	27.8	5.8	7200

USAF ETAC FORM 0.9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

MAY
MON

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	7.4	11.4	9.9	8.9	4.0	4.1	4.2	4.9	7.6	13.9	23.7	5.8	930
	03-05	8.0	8.6	9.4	7.5	6.1	3.2	4.2	4.3	8.8	14.0	25.9	6.0	930
	06-08	7.0	6.3	6.3	6.2	6.1	5.6	4.1	6.6	10.4	13.6	25.6	6.4	930
	09-11	5.1	5.8	8.3	8.2	5.5	5.5	3.4	6.3	8.7	18.4	24.7	6.4	930
	12-14	3.2	6.3	8.7	8.0	5.6	4.6	4.6	8.8	12.2	17.2	20.8	6.4	930
	15-17	3.9	4.4	7.4	8.8	6.8	4.5	6.7	8.0	12.2	17.0	20.4	6.5	930
	18-20	4.7	4.7	9.2	5.3	6.3	6.1	5.5	7.4	11.2	20.9	18.6	6.4	930
	21-23	5.1	7.7	9.8	5.8	6.5	6.1	4.4	7.8	8.3	17.1	21.4	6.2	930
TOTALS		5.6	6.9	8.6	7.4	5.9	5.0	4.6	6.8	9.9	16.8	22.6	6.3	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS [L.S.T.]	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	3.0	8.6	9.1	9.9	6.0	4.4	4.6	8.9	9.2	15.7	20.7	6.1	900
	03-05	3.3	9.1	9.4	6.8	5.1	5.8	5.3	7.0	12.4	16.3	19.3	6.2	900
	06-08	3.1	9.2	8.8	8.2	6.3	5.8	4.7	6.3	9.8	16.0	21.8	6.2	900
	09-11	.8	5.4	8.7	8.3	10.4	6.9	5.3	6.8	9.2	17.1	21.0	6.4	900
	12-14	.3	4.3	4.9	7.7	11.2	9.1	6.9	8.4	9.7	18.4	19.0	6.6	900
	15-17	.7	3.0	4.1	9.2	8.4	7.9	6.2	10.1	13.8	19.3	17.2	6.8	900
	18-20	1.6	3.4	5.1	8.4	6.9	7.7	5.8	8.7	10.1	23.3	19.0	6.8	900
	21-23	2.3	5.2	7.2	10.9	7.3	5.7	4.9	6.7	10.4	20.0	19.3	6.4	900
TOTALS		1.9	6.0	7.2	8.7	7.7	6.7	5.5	7.9	10.6	18.3	19.7	6.4	7200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	1.3	7.4	8.1	7.0	5.7	6.1	5.8	7.3	9.7	18.1	23.5	6.6	930
	03-05	1.5	5.6	9.1	7.2	4.7	4.7	5.7	7.3	9.9	22.6	21.6	6.7	930
	06-08	1.7	5.3	8.3	6.7	4.0	4.5	4.5	5.9	10.0	23.8	25.4	7.0	930
	09-11	1.0	4.5	6.8	6.2	7.4	7.2	4.7	6.5	11.6	22.7	21.4	6.9	930
	12-14		2.3	6.5	6.6	7.4	6.2	7.3	9.8	10.8	24.6	18.6	7.0	930
	15-17		2.0	6.3	6.3	6.5	7.5	5.9	9.4	15.2	22.8	18.1	7.1	930
	18-20	.2	2.6	7.2	6.9	6.3	5.9	7.0	7.6	13.4	24.1	18.7	7.0	930
	21-23	.6	4.4	8.7	5.9	7.6	4.7	4.0	7.0	12.3	22.6	22.2	6.9	930
TOTALS		.6	4.3	7.6	6.6	6.2	5.9	5.6	7.6	11.6	22.7	21.2	6.9	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

37-66

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	9.8	9.0	8.3	6.6	5.3	3.8	4.1	5.4	7.4	15.1	25.4	6.0	930
	03-05	5.8	7.0	8.6	7.0	6.1	3.2	4.7	5.3	8.0	18.3	26.0	6.4	930
	06-08	4.2	5.8	6.3	5.2	5.7	5.2	3.5	5.4	9.2	24.4	25.1	6.9	930
	09-11	2.7	6.0	7.1	6.3	4.7	6.2	5.5	5.6	10.5	20.8	24.5	6.8	930
	12-14	1.1	5.3	6.8	8.7	8.9	5.2	4.6	7.4	10.0	18.4	23.7	6.7	930
	15-17	.5	5.7	6.3	7.7	6.7	5.3	5.3	7.7	11.6	20.9	22.3	6.8	930
	18-20	1.7	5.6	7.5	7.0	6.2	3.3	4.9	6.7	10.1	25.5	21.4	6.8	930
	21-23	4.6	9.4	6.1	7.1	4.9	4.1	4.2	6.8	7.8	17.0	28.0	6.5	930
TOTALS		3.8	6.7	7.1	7.0	6.1	4.5	4.6	6.3	9.3	20.1	24.6	6.6	7440

USAF ETAC FORM 0-9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	14.8	6.4	6.6	4.0	4.8	4.8	5.2	4.1	5.1	8.0	36.2	6.1	900
	03-05	10.2	7.0	5.1	6.2	4.6	4.4	4.0	4.3	7.4	11.1	35.6	6.5	900
	06-08	2.0	3.7	3.7	5.3	4.1	3.4	2.7	4.4	8.4	25.1	37.1	7.7	900
	09-11	1.4	3.8	4.2	3.1	4.1	2.0	3.8	6.6	9.2	24.1	37.6	7.8	898
	12-14	1.3	2.9	6.0	5.1	3.8	4.9	3.6	7.4	7.5	28.4	29.1	7.5	897
	15-17	1.2	1.8	7.1	5.4	5.0	4.1	3.7	5.9	12.0	25.2	28.6	7.4	900
	18-20	2.1	4.6	5.4	5.0	3.8	4.2	3.8	5.9	10.1	22.1	33.0	7.4	900
	21-23	6.9	7.4	8.3	5.6	4.7	2.3	4.0	6.3	6.9	11.9	35.7	6.6	900
TOTALS		5.0	4.7	5.8	5.0	4.4	3.8	3.9	5.6	8.3	19.5	34.1	7.1	7195

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SKY COVER

26202 NORMAN WELLS NWT DUT APT
STATION STATION NAME

57-66

PERIOD

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	9.8	4.5	4.0	3.4	3.3	2.6	4.0	5.2	6.5	8.8	48.0	7.2	930
	03-05	8.4	4.0	5.1	3.2	2.5	2.9	3.2	4.5	5.4	10.2	50.1	7.4	930
	06-08	2.0	3.4	3.8	3.3	4.4	2.4	3.5	4.6	7.6	15.1	49.8	8.0	930
	09-11	1.2	3.7	4.0	3.3	3.2	2.9	4.8	3.8	6.6	20.0	46.6	8.0	930
	12-14	1.8	4.4	4.7	4.2	4.5	3.4	3.2	4.0	8.0	21.1	40.1	7.6	930
	15-17	2.2	3.2	5.9	4.5	3.7	2.8	2.3	3.9	7.8	23.9	39.9	7.7	930
	18-20	4.5	6.7	4.6	4.4	2.8	3.0	3.5	3.8	6.9	13.5	46.2	7.4	930
	21-23	10.8	4.1	4.5	3.2	2.6	3.2	2.8	3.7	5.2	11.1	48.7	7.2	930
TOTALS		5.2	4.3	4.6	3.7	3.4	2.9	3.4	4.2	6.8	15.5	46.2	7.6	7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26202 NORFOLK WELLS NWT DDT APT
STATION STATION NAME

57-66

PERIOD

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	21.0	4.6	4.8	4.0	2.9	2.8	3.6	3.9	5.1	8.7	38.0	6.0	900
	03-05	21.1	5.8	3.6	4.4	2.3	2.1	3.3	2.6	5.8	8.8	40.2	6.1	900
	06-08	14.4	7.1	5.8	3.7	3.6	3.3	3.9	3.3	5.1	10.7	39.1	6.4	900
	09-11	3.8	7.1	4.6	4.9	4.3	3.7	2.7	3.9	8.8	18.0	38.3	7.3	900
	12-14	3.0	7.2	6.2	6.0	4.8	3.7	3.7	5.4	9.7	19.4	30.1	6.9	900
	15-17	6.0	7.9	6.8	4.9	3.8	2.9	4.9	5.2	7.4	15.4	34.8	6.8	900
	18-20	15.8	8.8	5.6	5.4	4.1	4.2	3.6	3.4	5.1	7.1	36.9	5.9	900
	21-23	18.9	6.0	4.9	6.0	4.0	4.2	4.2	3.1	5.1	6.3	37.2	5.9	900
TOTALS		13.1	6.8	5.3	5.0	3.7	3.4	3.7	3.9	6.5	11.8	36.8	6.4	7200

DATA PROCESSING DIVISION
PTAC/USAF
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SKY COVER

DEC
MON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS [L.S.T.]	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	23.7	6.3	6.9	4.6	4.5	3.5	3.3	3.8	6.3	7.7	27.2	5.1	930
	03-05	26.7	4.9	5.4	6.0	4.9	3.1	3.3	4.8	5.6	4.5	30.6	5.1	930
	06-08	22.6	7.4	7.1	5.2	3.4	3.1	3.7	3.4	4.7	7.5	31.8	5.4	930
	09-11	6.6	9.0	7.6	5.7	3.0	3.8	3.5	5.7	7.6	13.3	33.9	6.5	920
	12-14	4.9	8.8	6.8	5.7	3.9	4.9	3.3	5.7	8.3	14.6	33.0	6.7	930
	15-17	5.6	10.4	7.5	6.1	6.0	4.0	4.6	4.7	8.3	13.8	28.9	6.3	930
	18-20	16.0	7.4	9.6	6.1	4.9	3.5	4.9	5.1	6.5	6.6	29.4	5.5	930
	21-23	22.6	5.2	6.2	5.8	4.7	5.2	5.3	4.7	7.1	6.5	27.3	5.3	930
TOTALS		16.3	7.4	7.1	5.7	4.4	3.9	4.0	4.7	6.8	9.3	30.3	5.7	7440

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ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature DATA NOT AVAILABLE
 - b. Daily minimum temperature DATA NOT AVAILABLE
 - c. Daily mean temperature DATA NOT AVAILABLE
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperatureNOTE: A supplementary list also provides extreme temperatures when less than a full month is reported. DATA NOT AVAILABLE
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2

YEARS

57-66

ALL

STATION

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MONTH

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HOURS	L	S	T
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PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

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ALL

STATION

STATION NAME

YEARS

MÔN TH

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ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-48/-49																			246		9														
-50/-51																			161		3														
-52/-53																			64		4														
-54/-55																			20																
-56/-57																			12		1														
-58/-59																					2														
TOTAL	41.2	27.0	10.5	6.7	4.9	3.6	2.4	1.6	1.1	.6	.3	.1	.0	.0					87643		84149														
																		84149																	
Element (X)	Z _X ²	Z _X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	490698798	6307338	75,014,646	84133		≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb	128423691	1803857	20,652,275	87643	2835.7	5030.3	498.6	181.3	27.9			8760																							
Wet Bulb	94532908	1727140	20,327,396	84149	2799.8	5237.0	6.4					8760																							
Dew Point	85329609	1316203	15,627,751	84149	3199.8	5734.9	.4					8760																							

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PSYCHROMETRIC SUMMARY

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JAN

STATION

STATION NAME

YEARS

MONTH

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ALL

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point										
48/ 47																			1												
46/ 45					.0													1	1												
42/ 41			.0	.0														2	2												
40/ 39																			1												
38/ 37																					3										
36/ 35		.0																1	1	1											
34/ 33	.3	.2																28	28	25	13										
32/ 31	.3	.1																21	21	21	28										
30/ 29	.2	.1																16	16	19	21										
28/ 27	.2	.1																21	21	16	15										
26/ 25	.4	.1																26	26	29	15										
24/ 23	.4	.2																33	33	29	26										
22/ 21	.2	.1	.0															19	19	22	28										
20/ 19	.7	.3																57	57	49	16										
18/ 17	.7	.2																55	55	59	40										
16/ 15	.8	.2																62	62	61	54										
14/ 13	.5	.2																44	44	48	58										
12/ 11	.6	.1																44	44	46	56										
10/ 9	.8	.1																55	55	56	53										
8/ 7	1.0	.2																72	72	67	39										
6/ 5	1.4	.3																99	99	100	54										
4/ 3	1.1	.2																73	73	72	70										
2/ 1	2.0	.7																157	157	140	74										
0/ -1	2.8	.6																200	200	209	67										
-2/ -3	3.9	.7																271	271	272	110										
-4/ -5	4.1	.4																266	266	269	165										
-6/ -7	4.4	.4																279	279	284	230										
-8/ -9	5.1	.4																322	322	319	297										
-10/-11	5.6	.6																363	363	358	280										
-12/-13	5.9	.4																369	370	371	349										
-14/-15	4.9	.3																302	302	309	313										
-16/-17	4.9	.3																301	301	303	285										
-18/-19	3.8	.2																234	234	233	360										
-20/-21	4.9</																														

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HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
-22/-23	4.4	.2																269	269	274	244											
-24/-25	4.8	.1																285	285	285	269											
-26/-27	5.3	.2																323	323	322	275											
-28/-29	4.5	.1																271	272	279	240											
-30/-31	4.4	.1																261	261	261	309											
-32/-33	3.7	.1																224	233	221	339											
-34/-35	2.2																	126	205	131	311											
-36/-37	.0																	1	230	1	223											
-38/-39																			247		125											
-40/-41																			219		74											
-42/-43																																
-44/-45																			144		24											
-46/-47																			148		16											
-48/-49																			164		4											
-50/-51																			154		2											
-52/-53																			106													
-54/-55																			57		1											
-56/-57																			13													
TOTAL	91.3	8.6	.0	.0	.0														12													
																			7440		5855											
																		5855		5855	5855											

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

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HOURS (L - S - T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
28/ 27	.0	.1																6	6	1															
26/ 25	.1	.1																9	9	11	4														
24/ 23	.1	.1	.0															15	15	13	13														
22/ 21	.2	.2																24	24	24	7														
20/ 19	.2	.1																16	16	18	13														
18/ 17	.3	.1																21	21	21	18														
16/ 15	.5	.1																35	35	30	19														
14/ 13	.7	.4																65	65	61	34														
12/ 11	.8	.5																78	78	71	39														
10/ 9	1.4	.7																121	121	119	37														
8/ 7	1.3	.5																109	109	109	75														
6/ 5	1.9	.7																154	154	154	97														
4/ 3	1.7	.7																142	142	141	113														
2/ 1	2.6	.8																204	204	194	136														
0/ -1	2.4	.7																185	185	202	132														
-2/ -3	3.3	.8																246	246	238	139														
-4/ -5	5.3	.5																345	345	351	183														
-6/ -7	4.8	.4																306	306	313	230														
-8/ -9	5.4	.4																342	342	339	357														
-10/-11	4.9	.4																311	311	314	312														
-12/-13	4.8	.3																297	297	300	314														
-14/-15	6.2	.4																393	393	389	284														
-16/-17	5.8	.3																357	357	362	288														
-18/-19	5.0	.2																309	309	310	353														
-20/-21	5.3	.2																327	327	328	346														
-22/-23	5.3	.1																321	321	322	365														
-24/-25	4.5	.1																273	273	274	338														
-26/-27	4.0	.1																244	245	242	306														
-28/-29	3.8	.0																226	227	228	263														
-30/-31	3.1																	186	192	188	279														
-32/-33	2.8																	164	174	164	263														
-34/-35	1.5																	89	143	89	222														
-36/-37																																			

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PSYCHROMETRIC SUMMARY

26202

NORMAN WELLS NWT DOT APT

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ALL

HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
50/ 49					.0														1	1													
48/ 47					.0														2	2													
46/ 45				.0	.0	.0													5	5													
44/ 43			.0	.0	.0	.0													8	8													
42/ 41			.0	.2	.1														19	19	2												
40/ 39		.0	.1	.1	.0														15	15	7	1											
38/ 37	.0	.0	.2	.1															23	23	12	1											
36/ 35	.0	.1	.1	.0															15	15	24	2											
34/ 33		.2	.1	.0															22	22	30	7											
32/ 31	.0	.3	.1	.0															30	30	28	15											
30/ 29	.1	.3	.1	.0															41	41	41	29											
28/ 27	.0	.5	.1																45	45	41	35											
26/ 25	.1	.7	.1																60	60	54	44											
24/ 23	.3	.7	.1																72	72	84	52											
22/ 21	.4	.7	.0																84	84	74	72											
20/ 19	.4	.7	.0																87	87	93	79											
18/ 17	.4	1.0	.1																106	106	88	70											
16/ 15	.6	1.1	.1																129	129	127	69											
14/ 13	.7	1.5	.0																162	162	141	90											
12/ 11	.9	1.6																	187	187	191	117											
10/ 9	1.7	1.7																	245	245	250	100											
8/ 7	1.9	1.4																	241	241	262	160											
6/ 5	2.0	1.8																	275	275	255	178											
4/ 3	2.5	1.8																	315	315	315	252											
2/ 1	3.4	2.0																	398	398	383	263											
0/ -1	3.6	1.8																	392	392	419	254											
-2/ -3	4.0	1.3																	383	383	397	306											
-4/ -5	4.4	1.8																	449	449	435	383											
-6/ -7	4.1	1.0																	378	378	397	380											
-8/ -9	4.2	.9																	369	369	382	384											
-10/-11	5.4	.8																	447	447	442	429											
-12/-13	4.4	.5																	359	359	374	414											
-14/-15	4.1	.3																	324	324	334	389											
-16/-17	3.6	.3																	284	284	281	424											
Element (X)	ΣX^2		ΣX		\bar{X}	σ_X	No. Obs.		Mean No. of Hours with Temperature							Total																	
Rel. Hum.									$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$		Total																	
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-18/-19	2.8	.3																226	226	228	365														
-20/-21	3.3	.2																254	254	258	374														
-22/-23	2.5	.1																191	191	192	260														
-24/-25	2.1	.1																156	156	157	238														
-26/-27	1.9	.0																141	141	144	248														
-28/-29	2.0																	148	148	148	160														
-30/-31	1.2	.0																87	87	86	159														
-32/-33	1.0	.0																73	75	73	153														
-34/-35	.4																	29	41	30	154														
-36/-37																			52		90														
-38/-39																			34		49														
-40/-41																			33		22														
-42/-43																			19		2														
-44/-45																			4		4														
-46/-47																			3		1														
-48/-49																			2		1														
TOTAL	70.6	27.4	1.3	.3	.2	.0												7279	7440	7279	7279														

Element (X)	Σ x ²	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	42287449	550259	75.6	9.620	7276	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1913595	-35169	-4.7	15.326	7440	485.3	733.0					744
Wet Bulb	1599078	-31830	-4.4	14.163	7279	488.3	736.3					744
Dew Point	2239015	-72127	-9.9	14.567	7279	576.8	742.9					744

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HOURS (L - S - T -)

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HOURS 11:50-1:00

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PSYCHROMETRIC SUMMARY

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MONTH

PAGE 1

ALL

HOURS T.L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
84/ 83										.0	.0	.0						4						4													
82/ 81										.0	.1	.0	.0	.0				13						13													
80/ 79					.0				.2	.1	.2	.1						45						45													
78/ 77					.0	.0	.0	.1	.3	.2	.2	.0	.0					64						64													
76/ 75							.1	.2	.5	.3	.3	.3						118						118													
74/ 73						.0	.3	.5	.6	.5	.4	.1						176						176													
72/ 71						.2	.7	1.1	.8	.7	.1							267						267													
70/ 69		.0	.0		.3	.6	1.1	1.2	1.0	.5								335						335													
68/ 67			.0	.0	.7	1.3	1.3	1.2	.3	.2								382						382													
66/ 65		.0	.1	.3	.9	1.3	1.6	.9	.3	.0	.0							405						405													
64/ 63			.3	.7	1.2	1.4	1.5	.6	.1									413						413													
62/ 61		.2	.7	1.2	1.4	1.4	1.0	.2	.0									436						436													
60/ 59		.6	.9	1.4	1.5	1.4	.7	.2	.0									476						476													
58/ 57	.1	1.0	1.3	1.3	1.9	1.3	.5	.1	.0									533						533													
56/ 55	.1	1.2	1.7	1.7	1.8	.9	.4	.0										564						564													
54/ 53	.2	1.3	1.6	2.1	1.3	.7	.3	.0										539						539													
52/ 51	.2	1.6	1.7	1.9	.9	.5	.1											499						499													
50/ 49	.3	2.2	2.0	1.4	.6	.3	.1											502						502													
48/ 47	.5	1.8	1.7	.9	.6	.2												402						402													
46/ 45	.3	1.7	1.2	.8	.3	.1												311						311													
44/ 43	.2	1.3	.8	.7	.2													224						224													
42/ 41	.2	.9	.7	.6	.2													182						182													
40/ 39	.2	.7	.7	.4														138						138													
38/ 37	.1	.5	.4	.2														79						79													
36/ 35	.1	.2	.3	.0														49						49													
34/ 33	.0	.2	.1															24						24													
32/ 31	.1	.1	.2															17						17													
30/ 29		.0																2						2													
28/ 27		.0																1						1													
26/ 25																																					
24/ 23																																					
22/ 21																																					
20/ 19																																					
18/ 17																																					
Element (X)	$\Sigma X'$					ΣX					\bar{X}					σ_x					No. Obs.					Mean No. of Hours with Temperature											
Rel. Hum.																										< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (O.L.A.) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

1.

JUN

STATION

STATION NAME

YEARS

MONTH

ALL

HOURS: L. S. T.

USAFETAC
FORMA
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

JUL

MON T

AL

HOURS 11 - 5 - T.

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

SEP

STATION

STATION NAME

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-31	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
76/ 75									.1	.1								8	8																
74/ 73								.0	.1	.0								7	7																
72/ 71					.0		.1	.1	.0									18	18																
70/ 69						.0	.2	.1	.0									24	24																
68/ 67					.1	.1	.1	.1										31	31																
66/ 65					.1	.2	.1	.0	.0									37	37																
64/ 63				.1	.2	.2	.1	.0	.1									56	56	1															
62/ 61		.1	.0	.2	.4	.2	.1	.0										79	79		1														
60/ 59		.0	.1	.3	.6	.2	.1	.0										96	96	35															
58/ 57		.1	.2	.5	.3	.3	.1											105	105	68	4														
56/ 55		.2	.5	.8	.6	.2	.0	.0										161	161	86	20														
54/ 53		.3	1.0	1.0	.7	.1	.1											229	229	114	27														
52/ 51	.0	.8	1.2	1.4	.7	.1	.0											311	311	174	67														
50/ 49	.2	1.7	2.1	1.4	.6	.2												446	446	293	137														
48/ 47	.3	2.7	2.2	1.3	.6	.1												517	517	423	263														
46/ 45	.7	2.9	2.4	1.2	.4													556	556	574	436														
44/ 43	1.1	3.8	3.3	1.1	.2													684	684	642	485														
42/ 41	1.3	4.7	2.4	.8	.1													660	660	719	561														
40/ 39	1.3	5.5	2.5	.5	.0													705	705	806	647														
38/ 37	1.8	5.1	1.8	.2														638	638	831	830														
36/ 35	2.1	4.6	1.4	.0														589	589	752	901														
34/ 33	2.0	4.1	1.0	.0														511	511	604	714														
32/ 31	1.4	3.8	.5	.0														409	409	488	732														
30/ 29	.8	1.7	.2															192	192	351	539														
28/ 27	.3	.8																79	79	137	384														
26/ 25	.2	.3																34	34	52	245														
24/ 23	.0	.1																7	7	15	124														
22/ 21	.1																	5	5	9	51														
20/ 19																					20														
18/ 17	.0																	1	1	1	5														
16/ 15																					2														
TOTAL	13.5	43.2	22.8	11.0																															

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

DCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS 11 S. T. 1

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202
STATIO

NORMAN WELLS NWT DOT APT
STATION NAME

57-66

OCT
MONTH

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

NOV

MONTH

ALL

HOURS L. S. T.

USAFETAC FORM R# 64 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT ODT APT
STAT ON	STATION NAME

57-66

NDV

STATION

STATION NAME

YEARS

PAGE 2

MONTH

ALL

HOURS: L, S, Y, .

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
-34/-35	.3																	23	25	23	66											
-36/-37																			27		51											
-38/-39																			13		18											
-40/-41																			10		11											
-42/-43																			1		4											
-44/-45																					1											
-46/-47																					1											
TOTAL	3.4	16.6																	7147	7200	7147											

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	46839098	576436	80.7	6.838	7145	$\leq 0^\circ \text{ F}$	$\leq 32^\circ \text{ F}$	$\geq 67^\circ \text{ F}$	$\geq 73^\circ \text{ F}$	$\geq 80^\circ \text{ F}$	$\geq 93^\circ \text{ F}$	
Dry Bulb	1541878	-21678	-3.013	828	7200	401.0	719.9					720
Wet Bulb	1347360	-20900	-2.913	416	7147	401.8	720.0					720
Dew Point	1771289	-52135	-7.313	932	7147	487.9	720.0					720

2

YEARS

57-66

DEC

STATION

STATION NAME

PAGE 1

ALL

HOURS: 11:55 - 12:00

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

26202	NORMAN WELLS NWT DET APT
STATION	STATION NAME

57-66

DEC

PAGE 2

ALL

HOURS U.S. T. 1

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

57-66

JAN

STATION

STATION NAME

PAGE 1 0000-0200

HOURS	1	5	T
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[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

JAN

PAGE 2 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-40/-41																				44	8														
-42/-43																				17	2														
-44/-45																				20	1														
-46/-47																				13															
-48/-49																				23															
-50/-51																				21															
-52/-53																				9	1														
-54/-55																				2															
TOTAL	73.2	6.8																		930	716														
																				716	716														

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4560680	56796	79.2	8.802	716	$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\geq 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	
Dry Bulb	656361	-18123	-19.5	18.063	930	81.9	92.2					93
Wet Bulb	258717	-9015	-12.6	14.231	716	79.1	92.0					93
Dew Point	373228	-12326	-17.2	13.007	716	82.2	92.7					93

JSAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A100 246

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
NORMAN WELLS APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM--ETC
JAN 72

UNCLASSIFIED

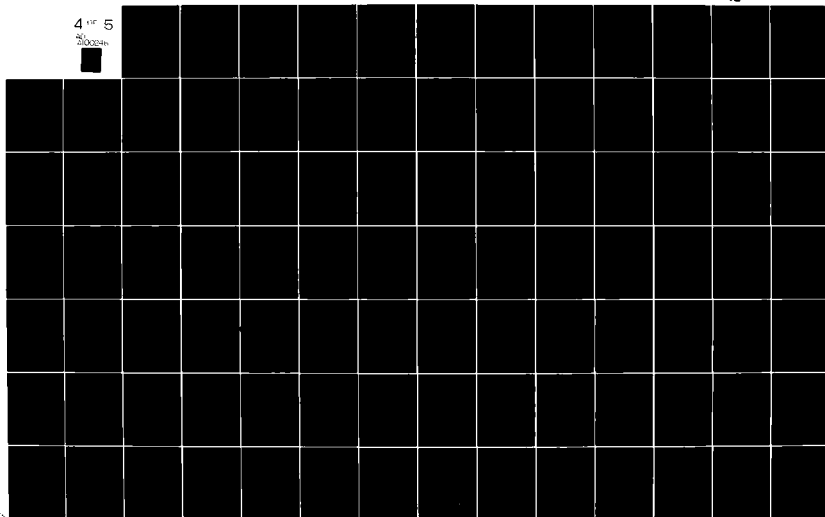
USAFETAC/DS-81/041

SBIE-AD-E850 069

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2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DUT APT

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
48/47																			1					
34/33	.6	.1																5	5	5	3			
32/31	.4																	3	3	3	4			
30/29																					1			
28/27	.4	.4																6	6	4	1			
26/25	.3																	2	2	4	5			
24/23	.3	.1																3	3	2	2			
22/21	.1	.1	.1															3	3	3	2			
20/19	1.0	.4																10	10	8	2			
18/17	.4	.1																4	4	6	9			
16/15	1.1	.3																10	10	10	3			
14/13	1.1	.3																10	10	10	9			
12/11	.8																	6	6	7	7			
10/9	.7																	5	5	5	13			
8/7	.8	.3																8	8	7	2			
6/5	1.5																	11	11	12	6			
4/3	.4	.1																4	4	3	9			
2/1	1.5	1.0																18	18	14	9			
0/-1	2.4	.8																23	23	24	1			
-2/-3	3.2	.4																26	26	29	10			
-4/-5	3.6	.6																30	30	27	22			
-6/-7	3.6	.4																29	29	33	24			
-8/-9	5.6	.4																43	43	42	29			
-10/-11	6.3	.4																48	48	48	34			
-12/-13	7.9	.4																60	60	61	45			
-14/-15	4.9	.6																39	39	39	43			
-16/-17	5.0																	36	36	40	49			
-18/-19	2.9																	21	21	21	48			
-20/-21	3.9	.3																30	30	29	34			
-22/-23	3.3	.1																25	25	26	26			
-24/-25	4.6	.1																34	34	33	25			
-26/-27	6.5																	47	47	48	30			
-28/-29	4.7																	34	33	34	18			
-30/-31	5.1																	37	37	37	33			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

JAN

STATION

STATION NAME

YEARS

MONITORING

PAGE 2 0300-0500

HOURS U S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
-32/-33	4.0	.1																30	32	29	63			
-34/-35	2.8																	20	31	21	39			
-36/-37																			27		28			
-38/-39																			28		20			
-40/-41																			23		9			
-42/-43																			26		2			
-44/-45																			15		1			
-46/-47																			17					
-48/-49																			24					
-50/-51																			24					
-52/-53																			8					
-54/-55																			3					
TOTAL	91.8	8.1	.1															720	930	720	720			

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DUT APT

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																							
40/ 39																			1																																									
34/ 33	.3	.1																3	3	3	2																																							
32/ 31																						1																																						
30/ 29	.1	.1																2	2	2	1																																							
28/ 27	.3	.1																3	3	3	2																																							
26/ 25	1.1																	8	8	8	5																																							
24/ 23	.7																	5	5	5	6																																							
22/ 21	.3	.1																3	3	3	6																																							
20/ 19	.4	.3																5	5	3																																								
18/ 17	1.4	.3																12	12	13	3																																							
16/ 15	.8																	6	6	7	10																																							
14/ 13	1.4	.3																12	12	11	10																																							
12/ 11	.5																	4	4	5	7																																							
10/ 9	.5	.1																5	5	5	9																																							
8/ 7	.5	.3																6	6	5	3																																							
6/ 5	1.0	.1																8	8	8	3																																							
4/ 3	.5																	4	4	5	4																																							
2/ 1	2.2	.7																21	21	16	8																																							
0/ -1	1.9	.3																16	16	21	8																																							
-2/ -3	3.4	.4																28	28	26	14																																							
-4/ -5	5.3	.5																43	43	43	10																																							
-6/ -7	4.8	.1																36	36	38	29																																							
-8/ -9	4.4	.4																35	35	35	39																																							
-10/-11	4.2	.8																37	37	37	31																																							
-12/-13	5.6	.3																43	43	43	49																																							
-14/-15	6.6	.5																52	52	53	31																																							
-16/-17	5.2																	38	38	39	35																																							
-18/-19	2.6	.4																22	22	21	32																																							
-20/-21	4.0																	29	29	30	45																																							
-22/-23	4.8	.1																36	36	35	18																																							
-24/-25	5.3	.1																40	40	41	29																																							
-26/-27	6.0	.3																46	46	46	33																																							
-28/-29	5.2																	38	38	38	28																																							
-30/-31	3.6																	26	26	26	41																																							
Element (X)	Σ X ²					Σ X					X̄					σ _X					No. Obs.					Mean No. of Hours with Temperature																																		
Rel. Hum.																										≤ 0 F					≤ 32 F					≥ 67 F					≥ 73 F					≥ 80 F					≥ 93 F					Total				
Dry Bulb																																																												
Wet Bulb																																																												
Dew Point																																																												

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NUKMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

JAN

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-32/-33	4.9	1																37	39	37	47																
-34/-35	2.9																	21	26	21	46																
-36/-37																			29		22																
-38/-39																			29		25																
-40/-41																			27		9																
-42/-43																			17		2																
-44/-45																			17		5																
-46/-47																			23																		
-48/-49																			19																		
-50/-51																			13																		
-52/-53																			16																		
-54/-55																			3																		
-56/-57																			3																		
TOTAL	92.9	7.1																730	930	730	730																

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DDT APT

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
46/ 45					.1													1	1																
42/ 41				.1	.1													2	2																
38/ 37																					3														
34/ 33		.4																3	3		2														
32/ 31																					1														
30/ 29	.4																	3	3		5														
28/ 27	.5																	4	4		2														
26/ 25	.1																	1	1		3														
24/ 23	.7																	5	5		1														
22/ 21	.3	.1																3	3		3														
20/ 19	.5	.1																5	5		2														
18/ 17	.7	.7																10	10		3														
16/ 15	.5	.4																7	7		7														
14/ 13	.3	.3																4	4		9														
12/ 11	.7	.5																9	9		4														
10/ 9	.7	.1																6	6		5														
8/ 7	.7																	5	5		5														
6/ 5	1.1	.3																10	10		9														
4/ 3	.5																	4	4		5														
2/ 1	2.4	.5																22	22		7														
0/ -1	2.4	1.1																26	26		8														
-2/ -3	3.8	.7																33	33		14														
-4/ -5	5.0	.7																42	42		16														
-6/ -7	4.3	.4																35	35		34														
-8/ -9	4.3	.1																33	33		44														
-10/-11	4.3	1.0																39	39		33														
-12/-13	5.0	.3																39	39		39														
-14/-15	5.3	.1																40	40		28														
-16/-17	5.0	.4																40	40		27														
-18/-19	3.9	.3																31	31		49														
-20/-21	5.0	.1																38	38		43														
-22/-23	3.9																	29	29		33														
-24/-25	6.5																	48	48		25														
-26/-27	6.2	.3																48	48		35														
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F											≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVISÉ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

JAN

PAGE 2 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
-28/-29	4.8	.1																36	36	37	38						
-30/-31	5.0																	37	37	37	35						
-32/-33	2.6																	19	19	19	43						
-34/-35	2.4																	18	29	18	39						
-36/-37	.1																	1	20	1	31						
-38/-39																			32		9						
-40/-41																			25		7						
-42/-43																			16		5						
-44/-45																			21		4						
-46/-47																			23								
-48/-49																			19								
-50/-51																			13								
-52/-53																			10								
-54/-55																			2								
-56/-57																			3								
TOTAL	90.5	9.1	.1	.1	.1													736	930	736	736						
																						736		736			

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (S T)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1200-1400

HOURS (S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
32/-33	3.6	.1																28	28	28	32															
34/-35	.9																	7	18	8	30															
36/-37																			33		30															
38/-39																			26		13															
40/-41																			27		6															
42/-43																			18		4															
44/-45																			23		2															
46/-47																			14		3															
48/-49																			17		1															
50/-51																			2																	
52/-53																			4																	
54/-55																			1																	
TOTAL	19.7	10.3																	754	930	754	954														

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202

NORMAN WELLS NWT DUT APT

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																						
34/ 33		.3																2	2	1	1																																																						
32/ 31	.7	.3																7	7	6	4																																																						
30/ 29	.3	.1																3	3	5	5																																																						
28/ 27																					2																																																						
26/ 25	.4	.1																4	4	4																																																							
24/ 23	.3	.3																4	4	4	2																																																						
22/ 21	.1																	1	1	1	6																																																						
20/ 19	.9	.4																10	10	8	1																																																						
18/ 17	.8	.4																9	9	10	6																																																						
16/ 15	.4	.4																6	6	4	10																																																						
14/ 13																					4																																																						
12/ 11																					2																																																						
10/ 9	.3																	2	2	2	2																																																						
8/ 7	1.7	.5																17	17	14	1																																																						
6/ 5	1.7	.5																17	17	19	4																																																						
4/ 3	1.6	.3																14	14	15	15																																																						
2/ 1	1.5	.8																17	17	13	13																																																						
0/ -1	2.5	1.3																29	29	30	14																																																						
-2/ -3	4.3	1.3																42	42	41	14																																																						
-4/ -5	4.3	.1																33	33	37	21																																																						
-6/ -7	3.7	.5																32	32	31	27																																																						
-8/ -9	5.6	.7																47	47	45	40																																																						
-10/-11	4.9	.3																39	39	42	38																																																						
-12/-13	5.9	.7																49	49	45	48																																																						
-14/-15	4.5	.1																35	35	38	37																																																						
-16/-17	3.2	.1																25	25	26	40																																																						
-18/-19	6.0	.3																47	47	46	46																																																						
-20/-21	6.0	.4																48	48	47	28																																																						
-22/-23	4.8	.1																37	37	38	38																																																						
-24/-25	3.7																	28	28	29	37																																																						
-26/-27	6.0	.1																46	46	46	34																																																						
-28/-29	3.6																	27	27	27	42																																																						
-30/-31	5.3																	40	40	40	42																																																						
-32/-33	2.8	.1																22	24	21	37																																																						
Element (X)	ΣX^2					ΣX					\bar{X}					σ_x					No. Obs.					Mean No. of Hours with Temperature																																																	
Rel. Hum.																										≤ 0 F					≤ 32 F					≥ 67 F					≥ 73 F					≥ 80 F					≥ 93 F					Total																			
Dry Bulb																																																																											
Wet Bulb																																																																											
Dew Point																																																																											

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

YEARS

JAN

HOURS: 5-7

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
34/ 33	.1	.3																	3	3	3	3													
32/ 31		.1																	1	1															
30/ 29	.5	.1																	5	5	6	4													
28/ 27	.1	.3																	3	3	1	3													
26/ 25	.1	.1																	2	2	3	1													
24/ 23	.5																		4	4	5	3													
22/ 21																						4													
20/ 19	.3	.1																	1	3	3														
18/ 17	1.0	.1																	8	8	8	3													
16/ 15	.7	.1																	6	6	5	5													
14/ 13	.4	.1																	4	4	5	7													
12/ 11	.5	.1																	5	5	4	1													
10/ 9	1.2	.1																	10	10	10	7													
8/ 7	1.4	.1																	11	11	12	3													
6/ 5	.8	.3																	8	8	7	10													
4/ 3	2.2	.3																	18	18	18	14													
2/ 1	2.6	.5																	23	23	23	4													
0/ -1	4.0	.1																	30	30	31	13													
-2/ -3	4.5	1.0																	40	40	38	22													
-4/ -5	2.9	.5																	25	25	26	28													
-6/ -7	6.0	.1																	45	45	46	24													
-8/ -9	4.2	.4																	34	34	33	35													
-10/-11	5.3	.7																	44	44	44	43													
-12/-13	6.6	.4																	51	52	51	36													
-14/-15	4.7	.3																	36	36	36	39													
-16/-17	4.5	.5																	37	37	36	42													
-18/-19	4.5	.4																	36	36	36	41													
-20/-21	4.2																		31	31	33	40													
-22/-23	3.8																		28	28	28	33													
-24/-25	4.7	.3																	36	36	35	35													
-26/-27	4.4	.4																	35	35	35	38													
-28/-29	5.2																		38	38	39	25													
-30/-31	4.1																		30	30	30	26													
-32/-33	3.7	.1																	28	28	27	42													
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature										Total									
Rel. Hum.																< 0 F	< 32 F	> 67 F	< 73 F	> 80 F	< 93 F														
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

JAN

YEARS

1800-2000

MOSES S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-34/-35	1.6																	13	24	14	43																
-36/-37																			32		27																
-38/-39																			38		12																
-40/-41																			22		11																
-42/-43																			14		3																
-44/-45																			22		1																
-46/-47																			24																		
-48/-49																			16																		
-50/-51																			12																		
-52/-53																			4																		
-56/-57																			3																		
TOTAL	1.7	8.3																	930		731																
																		731		731	731																

PSYCHROMETRIC SUMMARY

JAN

HOPE L. S. J.

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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26202	MURKMAN WELLS NWT DDT APT
STATION	STATION NAME

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

2100-2300

HOURS: 10 A.M. - 5 P.M.

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT UNIT APT

57-66

FEB

STATION

STATION NAME

YEARS

PAGE 1 0000-0200

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
24/ 23	.1																	1	1	1																			
22/ 21	.7																	5	5	5	1																		
20/ 19		.4																3	3	2	4																		
18/ 17	.1																	1	1	2	1																		
16/ 15	.4	.1																4	4	3	2																		
14/ 13	.6	.6																8	8	7	5																		
12/ 11	1.1	.7																13	13	10	2																		
10/ 9	1.3	.3																11	11	16	6																		
8/ 7	1.5	.3																13	13	11	16																		
6/ 5	1.0	.6																11	11	9	7																		
4/ 3	1.9	1.0																21	21	22	12																		
2/ 1	4.0	.7																34	34	34	12																		
0/ -1	2.5	1.0																25	25	25	22																		
-2/ -3	3.3	.7																29	29	31	20																		
-4/ -5	4.3	.7																36	36	34	24																		
-6/ -7	3.5	.4																28	28	30	33																		
-8/ -9	4.2	.4																33	33	33	34																		
-10/-11	4.7	.4																37	37	37	29																		
-12/-13	4.6	.1																34	34	34	34																		
-14/-15	4.7	.7																39	39	39	28																		
-16/-17	5.6	.1																41	41	41	32																		
-18/-19	5.1	.1																38	38	39	48																		
-20/-21	6.3	.1																46	46	46	30																		
-22/-23	6.9	.1																51	51	50	45																		
-24/-25	4.2																	30	30	31	40																		
-26/-27	4.0																	29	29	29	49																		
-28/-29	4.3																	31	31	31	31																		
-30/-31	2.9																	21	22	21	29																		
-32/-33	4.4																	32	32	32	46																		
-34/-35	2.1																	15	19	15	22																		
-36/-37																			25		24																		
-38/-39																			26		18																		
-40/-41																			17		8																		
-42/-43																			14		2																		
Element (X)	ΣX^2					ΣX					\bar{X}					σ_X					No. Obs.					Mean No. of Hours with Temperature													
Rel. Hum.																										$\leq 0 F$		$\leq 32 F$		$\geq 67 F$		$\geq 73 F$		$\geq 80 F$		$\geq 93 F$		Total	
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202
STATIC

NORMAN WELLS NWT DOT APT
STATION NAME

57-66

FEB
MONTH

PAGE 2 0000-0200

HOURS 11.5, 12.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
-44/-45																				14		2										
-46/-47																				12												
-48/-49																				7												
-50/-51																				4												
-52/-53																				1												
-54/-55																				1												
TOTAL	70.4	9.6																	720	846	720	720										

Element (X)	Σ x ²	Σ x	̄x	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4517948	56716	78.9	7.836	719	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	433485	-14431	-17.1	15.664	846	71.6	84.0					84
Wet Bulb	237049	-9309	-12.9	12.740	720	69.8	84.0					84
Dew Point	349384	-12708	-17.6	13.194	720	76.1	84.0					84

PSYCHROMETRIC SUMMARY

57-66

FEB

PAGE 2

0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-42/-43																				11		2														
-44/-45																				19		2														
-46/-47																				14																
-48/-49																				8																
-50/-51																				6																
-52/-53																				2																
-54/-55																				1																
TOTAL	41.0	9.0																		846		698														
																				698		698														
									</																											

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DDT APT

57-66

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point										
28/ 27	.1	.1																2	2	1											
26/ 25	.1																	1	1	2	3										
24/ 23	.1																	1	1	1	1										
20/ 19	.3																	2	2	2											
18/ 17	.1																	1	1	1	2										
16/ 15																					1										
14/ 13	1.0	.3																9	9	7											
12/ 11	.7	.3																7	7	8	6										
10/ 9	1.6	.4																14	14	12	3										
8/ 7	.7	.1																6	6	8	8										
6/ 5	2.0	.4																17	17	18	9										
4/ 3	1.9	.9																19	19	16	10										
2/ 1	1.6	.6																15	15	15	14										
0/ -1	2.3	.1																17	17	20	10										
-2/ -3	3.0	1.3																30	30	23	19										
-4/ -5	5.6	.3																41	41	47	17										
-6/ -7	3.9	.4																30	30	29	19										
-8/ -9	6.5	.1																46	46	47	42										
-10/-11	4.3	.4																33	33	31	36										
-12/-13	5.8	.4																43	43	44	43										
-14/-15	5.8	.6																44	44	42	33										
-16/-17	7.5	.1																53	53	57	39										
-18/-19	4.2																	29	29	29	40										
-20/-21	5.5	.3																40	40	40	42										
-22/-23	6.5	.3																47	47	46	42										
-24/-25	4.6																	32	32	33	49										
-26/-27	3.9	.1																28	28	27	39										
-28/-29	3.0	.1																22	22	22	31										
-30/-31	3.7																	26	26	27	36										
-32/-33	2.9																	20	22	20	26										
-34/-35	2.9																	20	25	20	29										
-36/-37																			20		19										
-38/-39																			28		10										
-40/-41																			25		14										
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total										
Rel. Hum.											$\leq 0 F$		$\leq 32 F$		$\geq 67 F$		$\geq 73 F$		$\geq 80 F$		$\geq 93 F$		Total								
Dry Bulb																															
Wet Bulb																															
Dew Point																															

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

26202

NORMAN WELLS NWT DOT APT

57-66

FEB

STATION

STATION NAME

YEARS

MONIN

PAGE 2

0600-0800

HOURS	S	T
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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
-42/-43																			15			3										
-44/-45																			16													
-46/-47																			16													
-48/-49																			11													
-50/-51																			9													
-52/-53																			1													
-54/-55																			3													
TOTAL	92.1	7.9																695	846	695	695											

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS L. S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT OUT APT
STATION	STATION NAME

57-66

REF

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0900-1100

HOURS 14 5 T-1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
-40/-41																			17			5											
-42/-43																			18			1											
-44/-45																			15														
-46/-47																			16														
-48/-49																			5														
-50/-51																			3														
-52/-53																			2														
-54/-55																			2														
TOTAL	72.1	7.9																	706	846	706	706											

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202

NORMAN WELLS NWT DUT APT

57-66

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
28/ 27		.1																1	1													
26/ 25		.3																2	2													
24/ 23	.4																	3	3		4											
22/ 21		.5																4	4		2											
20/ 19		.3																2	2		3											
18/ 17		.3																2	2		2											
16/ 15	.6	.1																6	6		3											
14/ 13	.9	.5																11	11		9											
12/ 11	1.3	.6																15	15		16											
10/ 9	.8	.9																13	13		8											
8/ 7	1.5	.4																14	15		9											
6/ 5	1.9	.9																22	22		10											
4/ 3	1.0	1.0																16	16		13											
2/ 1	2.3	1.2																27	27		19											
0/ -1	2.3	1.2																27	27		12											
-2/ -3	2.2	1.2																26	26		18											
-4/ -5	6.3	.6																54	54		29											
-6/ -7	7.0	.8																60	60		30											
-8/ -9	5.3	.1																42	42		49											
-10/-11	4.8	.8																43	43		49											
-12/-13	5.0	.5																43	43		47											
-14/-15	6.6	.8																57	57		40											
-16/-17	5.0	.3																41	41		40											
-18/-19	5.4	.3																44	44		41											
-20/-21	4.6	.3																38	38		31											
-22/-23	3.4																	26	26		49											
-24/-25	4.5	.1																36	36		39											
-26/-27	4.1	.1																33	33		34											
-28/-29	3.7																	29	29		37											
-30/-31	2.7																	21	23		29											
-32/-33	1.5																	12	13		33											
-34/-35	.5																	4	11		39											
-36/-37																			25		13											
-38/-39																			15		6											
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT OUT APT
STATION	STATION NAME

57-66

FEB

STATION

STATION NAME

YEARS

MONTHLY

PAGE 2 1200-1400

HOURS () E T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
40/-41																				8		2															
42/-43																				8		3															
44/-45																				2		1															
46/-47																				2																	
48/-49																				1																	
TOTAL	5.9	14.1																		846		775															

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

37-66

FEB

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DUT APT

57-66

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS L. S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																					TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
26/ 25			.3																																7	2					
24/ 23			.1																															1	1	3	1				
22/ 21		.3	.1																															3	3	2	2				
20/ 19		.1	.1																															2	2	3					
18/ 17		.6	.1																															6	6	5	4				
16/ 15		.4	.3																															5	5	3	5				
14/ 13		.3	.4																															5	5	6	4				
12/ 11		.6	.3																															7	7	6	2				
10/ 9	1.4	1.0																																19	19	15	3				
8/ 7	1.8	.9																																21	21	22	7				
6/ 5	2.2	.8																																23	23	26	12				
4/ 3	1.5	.6																																17	17	16	23				
2/ 1	3.1	1.2																																33	33	32	21				
0/ -1	2.1	.9																																23	23	24	18				
-2/ -3	3.7	.6																																34	34	34	19				
-4/ -5	6.3	.6																																54	54	53	29				
-6/ -7	4.0	.4																																34	34	37	28				
-8/ -9	4.9	.6																																43	43	39	56				
-10/ -11	5.4	.1																																42	42	47	31				
-12/ -13	3.5	.3																																29	29	29	41				
-14/ -15	7.5	.1																																59	59	59	37				
-16/ -17	4.9	.4																																41	41	40	34				
-18/ -19	4.1																																	32	32	33	49				
-20/ -21	5.5	.4																																46	46	44	50				
-22/ -23	4.9																																	38	38	40	42				
-24/ -25	4.6																																	36	36	36	33				
-26/ -27	4.9	.1																																39	39	39	42				
-28/ -29	3.7																																	29	29	29	31				
-30/ -31	3.3																																	26	26	26	49				
-32/ -33	1.9																																	15	15	15	30				
-34/ -35	1.8																																	14	18	14	24				
-36/ -37																																			18		18				
-38/ -39																																			13		12				
-40/ -41																																			13		13				
Element (X)	ΣX			ΣX^2			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature						Total																			
Rel. Hum.																$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																				
Dry Bulb																																									
Wet Bulb																																									
Dew Point																																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

FEB

STATION

STATION NAME

YEARS

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PAGE 2 1800-2000

NEWS 12.5.7.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-42/-43																			7		1																
-44/-45																			4		2																
-46/-47																			6																		
-48/-49																			2		1																
-50/-51																			1																		
TOTAL	9.210.8																			778	846	778															

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4769563	60631	77.9	7.566	778	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	339444	-11800	-13.9	14.385	846	69.7	84.0					84
Wet Bulb	229533	-9165	-11.8	12.508	778	68.9	84.0					84
Dew Point	348325	-12993	-16.7	13.001	778	74.5	84.0					84

2.

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS 11 5 7 1

JSAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 2

2100-2300

HOURS : S T)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DDT APT
STATION	STATION NAME

57-66

MAR

STATION

STATION NAME

YEARS

MONITORING

PAGE 2 0000-0200

0000-0200

HOURS: 11.5. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-28/-29	2.4																	22	22	22	27														
-30/-31	.9																	8	8	8	32														
-32/-33	1.0																	9	9	9	22														
-34/-35	.9																	9	9	8	22														
-36/-37																			15		9														
-38/-39																			6		6														
-40/-41																			3		6														
-42/-43																			2		1														
-44/-45																			1																
TOTAL	13.9	15.6	.2	.3															900	900	900														

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DIT APT
STATION	STATION NAME

57-66

YEARS

MAR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
-30/-31	3.2																	28	28	28	21				
-32/-33	2.3																	20	20	20	30				
-34/-35	.8																	7	8	7	27				
-36/-37																			11		22				
-38/-39																			12		12				
-40/-41																			11		6				
-42/-43																			5		1				
-44/-45																			1		1				
-46/-47																			2						
TOTAL	17.1	12.5	.2	.1															930		887				
																			887		887				

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202

NORMAN WELLS NWT DUT APT

57-66

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31																						
46/43																		1	1																				
44/43			.1		.1													1	1																				
42/41																																							
40/39																																							
38/37	.1																	1	1																				
36/35																																							
34/33		.2																2	2																				
32/31		.1																1	1																				
30/29																																							
28/27		.1																1	1																				
26/25	.1	.8																8	8																				
24/23	.5	.1																5	5																				
22/21	.1	.3																4	4																				
20/19	.3	.1																4	4																				
18/17	.9	.1																9	9																				
16/15	.9																	8	8																				
14/13	1.3	.3																14	14																				
12/11	.9	.5																12	12																				
10/9	2.2	.6																24	24																				
8/7	1.8	.7																22	22																				
6/5	.9	.9																16	16																				
4/3	.8	.7																13	13																				
2/1	3.0	.7																32	32																				
0/-1	4.1	.9																44	44																				
-2/-3	3.8	.5																37	37																				
-4/-5	3.4	.7																36	36																				
-6/-7	4.6	.6																45	45																				
-8/-9	4.1	.3																39	39																				
-10/-11	6.0	.7																58	58																				
-12/-13	5.1	.5																48	48																				
-14/-15	7.8	.3																71	71																				
-16/-17	5.1	.3																47	47																				
-18/-19	4.1	.2																38	38																				
-20/-21	4.0																	35	35																				
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature												Total											
Rel. Hum.																																							
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202

NORMAN WELLS NWT DUT APT

57-66

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0400-0800

HOURS (L, S, T, M)

2.

YEARS

4AR

STAT JN

DATE: 12/15/2011

PAGE 2

0900-1100

HOURS 11-5-1-3

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR

HOURS 11-5 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
20/-21	2.7	.2																27	27	27	38														
22/-23	1.4	.1																14	14	14	18														
24/-25	1.2	.3																14	14	14	16														
26/-27	1.0	.1																10	10	11	28														
28/-29	.3																	3	3	3	13														
30/-31																					17														
32/-33																					10														
34/-35																					13														
36/-37																					2														
38/-39																					2														
TOTAL	91.7	44.7	2.2	1.0	.4													930	930	930	930														

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS APT DIT APT

57-66

MAR

STATION

STAT ON NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																				
46/45						.1												1	1																		
44/43					.1	.3	.1											5	5																		
42/41			.1	.4	.2													7	7																		
40/37			.1															1	1																		
38/37			.6	.2														8	8																		
36/35	.1	.1	.2															4	4																		
34/33			.2	.1														3	3																		
32/31	.1	.2	.3															6	6																		
30/29	.1	.8	.3	.2														13	13																		
28/27		.6	.4															10	10																		
26/25		1.0	.1															10	10																		
24/23	.1	1.2																12	12																		
22/21	.2	1.7	.3															21	21																		
20/19	.2	1.7	.1															19	19																		
18/17	.4	3.5	.2															39	39																		
16/15	.4	1.8	.4															25	25																		
14/13	1.0	2.3	.1															31	31																		
12/11	.6	3.0																34	34																		
10/9	1.8	4.3																57	57																		
8/7	2.6	2.9																51	51																		
6/5	2.4	4.2																61	61																		
4/3	3.3	3.0																59	59																		
2/1	3.8	3.1																64	64																		
0/-1	2.9	2.6																51	51																		
-2/-3	3.8	2.6																59	59																		
-4/-5	3.0	3.0																56	56																		
-6/-7	2.8	1.6																41	41																		
-8/-9	3.4	1.2																43	43																		
-10/-11	3.2	.4																34	34																		
-12/-13	1.8	.5																22	22																		
-14/-15	1.4	.9																21	21																		
-16/-17	.9	.5																13	13																		
-18/-19	1.5	.5																19	19																		
-20/-21	1.7	.1																17	17																		
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.																																					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

MAR
MONTH

PAGE 2 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
-22/-23	.6	.1																											7	7	6	15			
-24/-25	.5																												7	5	6	16			
-26/-27	.1																												1	1	1	12			
-28/-29																																14			
-30/-31																																10			
-32/-33																																8			
-34/-35																																5			
-36/-37																																1			
TOTAL	44.9	49.6	3.7	1.1	.5	.2																							930	930	930	930			

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DUT APT

57-66

MAR

STATION

STATION NAME

YEARS

MUNTH

PAGE 2 1800-2000

NO. 15 U. S. T. 1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DDT APT

57-66

MAR

STATION	STATION NAME
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YEARS

MONTH

PAGE 1 2100-2300

HOURS L. S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

MAR
MONTH

PAGE 2 2100-2300
HOURS: S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
-26/-27	1.6																			13	13	13	24												
-28/-29	2.0																			14	14	14	18												
-30/-31	1.0	.1																		10	10	9	20												
-32/-33	.9																			8	8	9	14												
-34/-35	.5																			5	6	5	23												
-36/-37																					6		11												
-38/-39																					1		4												
-40/-41																							5												
TOTAL	78.3	20.8	.3	.4	.1																922	930	922												

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

APR

5'4' 3N

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

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[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

37-66

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

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MS. RS. LL. S. T.)

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USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

APP

STATION

STATION NAME

YEARS

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

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HOURS 1 5 7

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USAFETAC FORM 0-26-5 (OLA)
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT OUT APT

57-66

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0300-0500

HOURS (L.S.T.)

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202

NORMAN WELLS NWT DDT APT

57-66

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
46/45					.1													1														1				
44/43					.1													1														1				
42/41			.2	.3														5														5				
40/39			.3	.1														4														4				
38/37		.2	.8															9													9		5			
36/35		.8	1.2															18													18	13	1			
34/33	.4	1.9	.9	.1														30													30	21	3			
32/31	.3	2.0	.1															22													22	31	20			
30/29	.8	2.3	.4															32													32	30	28			
28/27	.6	1.9	.1															23													23	28	31			
26/25	.6	2.4	.2															29													29	29	26			
24/23	.7	2.6																29													29	30	24			
22/21	2.0	2.6																41													41	43	24			
20/19	1.3	3.0																39													39	36	44			
18/17	2.2	3.7																53													53	54	30			
16/15	1.9	3.4																48													48	46	42			
14/13	1.1	4.0																46													46	44	44			
12/11	2.4	4.6																63													63	59	36			
10/9	2.9	2.2																46													46	46	62	39		
8/7	2.8	2.3																46													46	43	50			
6/5	3.4	1.3																43													43	46	51			
4/3	2.9	1.6																40													40	42	55			
2/1	2.0	.9																26													26	29	43			
0/-1	1.7	.9																23													23	22	37			
-2/-3	2.3	1.1																31													31	31	37			
-4/-5	3.6	1.3																44													44	44	29			
-6/-7	1.9	.7																23													23	24	23			
-8/-9	1.4	.4																17													17	19	36			
-10/-11	2.1	.3																22													22	23	29			
-12/-13	1.7	.1																16													16	16	29			
-14/-15	.8																	7													7	7	16			
-16/-17	.6	.2																7													7	7	23			
-18/-19	.4																	4													4	4	19			
-20/-21	.7																	6													6	6	11			
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature						Total														
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F															
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0600-0800

HOURS: 11 A.M. - 5 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																
-22/-23	.3																	3	3	3	5														
-24/-25	.1																	1	1	1	8														
-26/-27	.1																	1	1	1	2														
-28/-29	.1																	1	1	1	2														
-32/-33																					1														
TOTAL	46.1	48.8	4.3	.6	.2														900	900	900														

2

YEARS

57-66

APR

STATION

STATION NAME

PAGE 1 0900-1100

MONTH

HOURS: L. S. T.

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PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

APR

STAT ON

STATION NAME

YEARS

MON 7

PAGE 2 0900-1100

HOSPITALS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
14/-15	.4																	4	4	5	12																
16/-17																					19																
18/-19																					9																
20/-21																					4																
22/-23																					2																
24/-25																					1																
TOTAL	18.0	52.6	14.3	2.9	1.1	.8	.3											900	900	900	900																

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\leq 67^\circ \text{F}$	$\leq 73^\circ \text{F}$	$\leq 80^\circ \text{F}$	$\leq 93^\circ \text{F}$	Total
Rel. Hum.	4756562	64740	71.9	10.526	900							90
Dry Bulb	438927	15639	17.4	13.608	900	11.6	77.5					90
Wet Bulb	364781	14179	15.8	12.541	900	12.4	81.2					90
Dew Point	246923	8693	9.7	13.544	900	22.8	87.6					90

2

YEARS

57-66

APR

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2

YEARS

57-66

APR

STATION

STATION NAME

MONTH

PAGE 2 1200-1400

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

57-66

APR

PAGE 1 1500-1700

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2

YEARS

57-66

APR

STATION

STATION NAME

MINT

PAGE 2 1800-2000

MS 185 2 6 Y

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-6/-7	.2																	2	2	2	19														
-8/-9	.1	.2																3	3	2	17														
-10/-11	.1																	1	1	2	15														
-12/-13																					11														
-14/-15	.1																	1	1	1	2														
-16/-17																					4														
-18/-19																					2														
TOTAL	13.9	50.0	17.7	11.2	4.2	2.2	.4	.3										900	900	900	900														

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4540635	62767	69.713	474	900	≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F	90
Dry Bulb	690064	21760	24.213	505	900	4.9	63.0					90
Wet Bulb	546399	19465	21.611	811	900	5.4	72.3					90
Dew Point	339977	13671	15.212	104	900	13.0	87.0					90

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

APR

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
20-21																						5													
22-23																						4													
24-25	.1																	1	1	1	1	1													
26-27																						1													
TOTAL	23.7	58.0	13.6	3.9	.6	.3												900	900	900	900														

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS 11.5. T.1

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

44Y

STATION

STATION NAME

YEARS

MONTH

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HOURS (L, S, T,)

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

MAY

STAT ON

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
60/ 59						.2												2	2													
58/ 57						.4												4	4													
56/ 55				.2	.2	.1												5	5													
54/ 53				.3	1.2													14	14													
52/ 51		.1	.4	1.0	.8													21	21													
50/ 49		.3	.6	.6	.6													21	21	8												
48/ 47	.2	.3	1.3	1.7	.2													35	35	20	2											
46/ 45	.1	1.4	2.3	2.3	.4													60	60	35	12											
44/ 43		1.3	3.9	2.0	.3													70	70	36	9											
42/ 41	.2	1.8	3.9	2.3	.2													73	78	64	21											
40/ 39	.3	1.7	5.5	1.5	.1													85	85	83	37											
38/ 37	.9	3.7	4.8	1.0														96	96	93	47											
36/ 35	1.1	4.0	2.7	.1														73	73	125	83											
34/ 33	1.3	4.6	2.4															77	77	99	87											
32/ 31	.5	3.9	1.1															48	48	74	144											
30/ 29	.2	1.8	.6	.2														27	27	50	93											
28/ 27	.4	3.3	1.1															45	45	32	37											
26/ 25	.8	3.2	.2															39	39	54	63											
24/ 23	.4	2.3	.2															27	27	37	50											
22/ 21		2.0	.3															22	22	21	34											
20/ 19	.3	1.2																14	14	24	28											
18/ 17	.1	1.6																16	16	11	33											
16/ 15	.3	1.0																12	12	21	19											
14/ 13	.4	.5																9	9	11	13											
12/ 11	.3	.6																9	9	5	19											
10/ 9	.1	1.0																10	10	13	17											
8/ 7	.3	.5																8	8	9	9											
6/ 5	.2	.1																3	3	5	6											
4/ 3																					13											
2/ 1																					7											
0/ -1																					5											
-2/ -3																					2											
TOTAL	8.6	42.0	31.3	13.2	4.1	.8												930	930	930	930											
Element (X)	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Z _x	Mean No. of Hours with Temperature				Total										
Rel. Hum.	5411692	70114	75,411,632	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						93																
Dry Bulb	1271979	33085	35,610,111	930		28.9						93																				
Wet Bulb	1073262	30478	32,808,951	930		36.7						93																				
Dew Point	824801	26277	28,309,398	930	.7	61.2						93																				

USAFETAC FORM 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

MAY

STATION

STATION NAME

YEARS

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HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67									.1	.1								2	2																
66/ 65									.5	.1								6	6																
64/ 63									.2	.1								12	12																
62/ 61						.1	.4	.4	.1									10	10																
60/ 59						.1	1.3	1.0	.1									23	23																
58/ 57					.1	.9	1.2	.5	.3									28	28																
56/ 55			.1	.2	1.2	1.1	.4											28	28																
54/ 53			.1	.8	1.3	1.7												36	36		1														
52/ 51			.5	1.5	2.6	.9	.1											52	52		5														
50/ 49		.2	.4	2.0	2.9	.3												55	55		25														
48/ 47		.1	1.8	2.7	2.3	.2												66	66		30														
46/ 45	.2	.5	1.7	3.8	1.2	.1												70	70		4														
44/ 43		.6	2.2	2.5	1.2	.1												61	61		9														
42/ 41	.1	1.0	2.3	1.9	.8	.1												57	57		15														
40/ 39		1.1	2.7	2.0	.1													55	55		46														
38/ 37	.1	2.2	2.5	2.2	.1													65	65		73														
36/ 35	.5	1.4	2.7	.3	.1													47	47		71														
34/ 33	.6	2.9	1.7	.2														51	51		77														
32/ 31	.1	2.3	1.4	.1														40	40		62														
30/ 29	.3	1.7	1.3	.1														32	32		102														
28/ 27		2.5	1.5															37	37		67														
26/ 25	.1	1.5	.6															21	21		88														
24/ 23	.1	1.6	.3															19	19		36														
22/ 21		.9	.1															9	9		61														
20/ 19	.1	1.2	.3															15	15		27														
18/ 17	.1	.8																8	8		27														
16/ 15	.4	.8																11	11		22														
14/ 13	.1	.8																8	8		20														
12/ 11	.3	.3																6	6		21														
10/ 9																					9														
8/ 7																					10														
6/ 5																					5														
4/ 3																					13														
2/ 1																					1														
																					2														
Element (X)	Σx^2					Σx					\bar{x}					σ_x					No. Obs.					Mean No. of Hours with Temperature									
Rel. Hum.																										≤ 0 F					≤ 32 F				
Dry Bulb																										≥ 67 F					≥ 73 F				
Wet Bulb																										≥ 80 F					≥ 93 F				
Dew Point																															Total				

PSYCHROMETRIC SUMMARY

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MAY

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MOORE & SONS

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PSYCHROMETRIC SUMMARY

MAY

HOURS : 5-1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point									
78/ 77												.1						1	1											
76/ 75											.1							1	1											
74/ 73										.1	.1							2	2											
72/ 71										.1	.4							5	5											
70/ 69									.3	.3	.3							9	9											
68/ 67						.2	.2	.5	.8	.3								19	19											
66/ 65						.1	.5	.8	.8	.1								21	21											
64/ 63						.2	.6	1.4	.2	.2								25	25											
62/ 61					.4	.6	1.3	1.2	.6									39	39											
60/ 59					.1	.6	1.9	.6	.1									32	32											
58/ 57				.1	1.0	1.9	1.7	.8										51	51	6										
56/ 55				.2	.8	1.7	.9											33	33	10										
54/ 53				.4	2.8	1.9	.8											55	55	30										
52/ 51		.1	.4	1.4	2.7	1.0	.3											55	55	36										
50/ 49			.4	2.7	2.3	1.4	.3											66	66	48	3									
48/ 47		.1	1.3	1.6	1.6	1.0												52	52	79	7									
46/ 45	.1	.4	1.4	1.1	2.3	1.2												60	60	94	14									
44/ 43		.1	1.0	1.3	1.5	.3												39	39	93	28									
42/ 41		.1	1.8	2.3	1.4	.1												53	53	59	38									
40/ 39		1.3	1.8	2.0	.8													57	57	54	62									
38/ 37		1.1	2.2	1.2	.3													44	44	88	94									
36/ 35		1.0	1.8	.6														32	32	66	96									
34/ 33	.1	2.5	2.5	.2	.1													50	50	57	87									
32/ 31		.9	1.7	.3														27	27	59	80									
30/ 29	.1	2.2	1.4															36	36	40	62									
28/ 27	.1	.6	.6															13	13	43	81									
26/ 25	.2	1.1	.3															15	15	15	72									
24/ 23		.8	.3															10	10	18	96									
22/ 21		.5	.2															7	7	10	41									
20/ 19	.1	.6	.1															8	8	6	39									
18/ 17	.2	.5																7	7	11	22									
16/ 15	.2	.4																6	6	8	15									
14/ 13																				2	15									
12/ 11																					11									
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																			
Rel. Hum.											≤ 0 F		- 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total							
Dry Bulb																														
Wet Bulb																														
Dew Point																														

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOY APT

57-66

MAY

SIGN

STATION NAME

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1200-1400

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YEARS

MAY

STAT ON

STAT ON NAME.

YEARS

MONTH

1500-1700

USAFETAC
FORM
JAN 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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26202	SORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

247

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HOURS L. S. T. 1

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USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

MAY

PAGE 2 **1800-2000**
HOURS H. S. T.

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

26202 MURMAN WELLS NWT OUT APT

57-66

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STAT ON

STATION NAME

YEARS

MONTH

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2100-2300

NO. 125 - L. S. T. 1

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2 2100-2300

HOURS 11-5 P.M.

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JSAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

2

YEARS

57-66

JUN

PAGE 1 0000-0200
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

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JUN

STATION	STATION NAME
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YEARS

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HOURS (L, S, T,)

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1

JUN
MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2.

YEARS

JUN

STATION

S * A ON NAME

YEARS

MONTH

HOURS: 9:00 A.M. - 5:00 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81										.1	.2							3		3															
80/ 79										.2	.2							6		6															
78/ 77										.4	.8	.3	.6	.1				20		20															
76/ 75								.2	.6	1.8	.2	.6	.4					34		34															
74/ 73						.2	.6	1.2	1.6	1.2	.8	.2						52		52															
72/ 71					.4	2.0	2.3	1.0	1.8	.6								73		73															
70/ 69				.2	1.1	2.1	2.1	2.0	1.2									79		79															
68/ 67			.1	.9	1.9	2.2	1.9	1.3	.3									78		78															
66/ 65			.1	.6	1.2	3.2	2.8	1.9	.7	.1								95		95	2														
64/ 63			.3	.2	1.3	2.1	2.3	.8	.2									66		66	15														
62/ 61			.4	.4	1.1	1.4	1.3	.7	.1									50		50	33														
60/ 59		.3	.2	.8	1.0	1.1	.8											38		38	78														
58/ 57	.1	.2	.3	.6	1.4	1.2	.8		.3									45		45	122														
56/ 55		.2	1.1	1.6	1.2	1.6	.3											54		54	114														
54/ 53	.2	.7	.7	1.3	1.0	.9	.4	.1										48		48	127														
52/ 51	.1	1.0	1.1	1.0	.2	1.2	.1											43		43	101														
50/ 49		1.9	1.0	.8	.4	.2	.1											40		40	74														
48/ 47		.3	1.3	.2	.3	.7												26		26	77														
46/ 45	.1	.7	.7	.4	.3	.1												21		21	51														
44/ 43		.4	.3	.2														9		9	32														
42/ 41		.1	.3		.1													5		5	36														
40/ 39		.6	.2	.2														9		9	10														
38/ 37		.2	.1															3		3	18														
36/ 35		.1																1		1	5														
34/ 33		.2																2		2	4														
32/ 31																					1														
30/ 29																																			
28/ 27																																			
26/ 25																																			
24/ 23																																			
22/ 21																																			
20/ 19																																			
TOTAL	.6	7.0	8.3	8.4	10.9	17.4	16.1	12.0	10.1	5.7	2.6	.9						900	900	900	900														
Element (X)	Σx²		Σx		x̄		sₓ		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	2798923		47659		53.0		17.495		900		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb	3574902		56100		62.3		9.315		900						34.5		11.5		.3				90												
Wet Bulb	2492072		47038		52.3		6.119		900						.1								90												
Dew Point	1753699		39161		43.5		7.437		900						7.3								90												

2

YEARS

JUN

HOURS	S	T
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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
84/ 83										.2	.1							3	3						
82/ 81										.3	.2	.2	.1					8	8						
80/ 79					.1				.6	.6	.9	.7						25	25						
78/ 77						.1		.3	.6	.7	.6	.1	.3					24	24						
76/ 75									.6	1.6	1.3	1.1	1.0					50	50						
74/ 73						.1	.9	1.4	1.4	1.4	1.2	.3						62	62						
72/ 71						.1	1.3	2.2	2.3	1.8	.3							73	73	1					
70/ 69			.1		.9	.9	2.8	2.7	2.3	1.2								98	98	1					
68/ 67					.9	1.9	2.6	2.3	.7	.7								81	81	1	1				
66/ 65		.1	.1	.2	.2	1.9	2.2	1.7	1.2									69	69	3	2				
64/ 63			.4	1.0	1.2	.6	2.3	1.1										60	60	19					
62/ 61		.2	.8	.3	.8	.6	.7	.2										32	32	37	1				
60/ 59		.1	.3	.2	.9	1.0	1.4	.3	.1									40	40	96	3				
58/ 57			.8	.7	1.4	2.0	.7	.2										52	52	126	11				
56/ 55		.2	.7	.9	1.8	1.2	.6											48	48	138	32				
54/ 53	.1	.6	.6	1.2	.7	1.1	.6											43	43	116	41				
52/ 51		.6	.7	1.9	.3	.7	.4											41	41	82	58				
50/ 49	.4	1.4	.6	.7	.2	.7	.2											38	38	84	40				
48/ 47	.2	.7	.6	.3	.1	.2												19	19	67	86				
46/ 45	.1	.4	.3		.1													9	9	56	101				
44/ 43		.3	.1	.1														5	5	22	86				
42/ 41	.1	.2	.3	.1	.2													9	9	25	97				
40/ 39		.3	.4															7	7	14	78				
38/ 37	.1	.1																2	2	9	59				
36/ 35		.2																2	2		40				
34/ 33																				2	43				
32/ 31																					28				
30/ 29																					15				
28/ 27																					5				
26/ 25																					9				
24/ 23																					10				
22/ 21																					3				
20/ 19																					1				
Element (X)	Σ x ²			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

JUN

STATION

STATION NAME

YEARS

MONTH

HOURS 1 5 10

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	TOTAL D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.1	5.6	6.8	7.7	9.9	13.0	16.7	13.1	10.8	8.2	4.4	2.3	.4					900	900	900	900
Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	2580824	45388	50.4	18.018	900	$\leq 0^\circ \text{ F}$	$\geq 32^\circ \text{ F}$	$\geq 67^\circ \text{ F}$	$\geq 73^\circ \text{ F}$	$\geq 80^\circ \text{ F}$	$\geq 93^\circ \text{ F}$										
Dry Bulb	3739020	57328	63.9	9.541	900			42.4	17.2	2.1											
Wet Bulb	2556100	47658	53.0	6.008	900			.3													
Dew Point	1751158	39130	43.5	7.448	900		7.1	.1													

PSYCHROMETRIC SUMMARY

JUN

YEARS

HOURS: 1-5 P.M.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
84/ 83										.1	.1							1	1															
82/ 81										.1	.1							2	2															
80/ 79									.6	.3	.4	.2						14	14															
78/ 77					.2			.1	.1	.4	.4							16	16															
76/ 75						.1	.3	.7	.7	.1	.7							23	23															
74/ 73						.2	.8	1.9	.9	.9	.1							43	43															
72/ 71						.7	1.3	2.7	1.7	2.0	.2							77	77															
70/ 69	.2				.7	1.0	.9	2.2	1.9	1.1								72	72	2														
68/ 67			.1	.2	1.4	2.0	2.3	2.7	1.0	.3								91	91	2	2													
66/ 65			.4	1.3	1.7	3.0	1.1	1.1	.1	.1								80	80	3	2													
64/ 63			.4	.7	1.3	2.2	2.7	1.0										75	75	16	1													
62/ 61	.2	.4	1.2	1.0	1.2	.8	.1											49	49	33														
60/ 59	.2	.8	1.1	1.7	1.4	1.0	.2	.1										59	59	68	1													
58/ 57	.1	.9	.8	1.4	1.7	.4	.2											50	50	115	23													
56/ 55	.1	.4	.7	.8	1.7	1.4	.8											53	53	120	32													
54/ 53	.1	.4	1.1	1.1	1.1	.7	.8											48	48	149	54													
52/ 51		1.1	.9	1.2	.6	.9	.2											44	44	91	56													
50/ 49	.6	1.1	.4	1.0	.3	.6	.2											38	38	82	75													
48/ 47	.4	1.2	.6		.4	.4												28	28	69	99													
46/ 45		.2	.4	.2	.1	.1												10	10	60	95													
44/ 43		.3	.1		.1													5	5	26	86													
42/ 41	.2	.3	.3	.3	.3													14	14	24	107													
40/ 39		.2																2	2	18	69													
38/ 37	.1	.3																4	4	9	54													
36/ 35	.1	.1																2	2	11	40													
34/ 33																					27													
32/ 31																					26													
30/ 29																					16													
28/ 27																					11													
26/ 25																					9													
24/ 23																					12													
22/ 21																					2													
18/ 17				</																														

2

YEARS

JUN

STATION NAME

HOURS (L, S, T,)

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

JUL
MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

JUL
MONTH

HOURS (L, S, T)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

JUL

STATION

STATION NAME

PAGE 1 0900-1100

HOURS 1L, S, T.

[illegible]

2

YEARS

57-66

JUL

26202
STATION

STATION NAME

PAGE 1 1800-2000

1000-2000
HOURS 1 5 7

[illegible]

2

YEARS

AUG

STATION

STATION NAME

PAGE 1

MONTH

0000-0200

HOURS: 11:50 A.M.

[illegible]

2

YEARS

AUG

HOURS L. S. T. :

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

AUG
MONTH

MIRAGE

USAFETAC
FORM
M.F. 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A100 246 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
NORMAN WELLS APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM--ETC
JAN 72
UNCLASSIFIED USAFETAC/DS-81/041 SBIE-AD-E850 069 NL

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
NORMAN WELLS APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM--ETC
JAN 72

USAFETAC/DS-81/041

SBIE-AD-E850 069

PAL

5 = 5

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END
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7 8
DTIC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

AUG

STATION

STATION NAME

YEARS

MONTH

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HOURS: 11 A.M. - 5 P.M.

[illegible]

USAFETAC
FORM
JUL 64
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

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AUG

STATION

STATION NAME

YEARS

MONTH

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1800-2000

HOURS (L-S-T)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

26202

NORMAN WELLS NWT DOT APT

57-66

AUG

STATION

STATION NAME

YEARS

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2100-2300

HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS () S T

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DNT APT
STATION	STATION NAME

57-66

SFP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

SFP

PAGE 1 1200-1400

HOUS. S. T.

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2

PSYCHROMETRIC SUMMARY

SEP

YEARS

44 49 53 57

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DPT APT

57-66

ACT

STATION

STATION NAME

YEARS

MONTH

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HOURS: 11:55 - 1:15

[illegible]

2

YEARS

NET

STATION

STATION NAME

0300-0500

HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202

NORMAN WELLS NWT DOT APT

57-66

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500

HOURS : : S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

57-66

NOT

STATION

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

YEARS

MONTH

PAGE 1 0600-0800

0400-0800

HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26-5 (QLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

DC T

STATION

STATION NAME

YEARS

MONTH

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0600-0800

HOURS (L, S, T,)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

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OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
52/ 51																			1	1															
50/ 49					.2	.1													2	2															
48/ 47					.1	.2													3	3															
46/ 45		.4	.4	.1															9	9	1														
44/ 43		.3	.6																9	9	1														
42/ 41		.5	.2																7	7	10														
40/ 39	.3	1.0	.1																13	13	8														
38/ 37	.4	2.6	.4	.1															33	33	22														
36/ 35	.4	3.1	.8																40	40	28														
34/ 33	1.5	5.3	.3																66	66	55														
32/ 31	2.6	4.4	.4																69	69	77														
30/ 29	2.2	5.2	.1																69	69	75														
28/ 27	2.9	4.5	.2																71	71	76														
26/ 25	2.8	5.6	.1																79	79	73														
24/ 23	2.5	5.4	.1																74	74	74														
22/ 21	3.0	3.5																	61	61	72														
20/ 19	2.0	3.9																	55	55	51														
18/ 17	2.9	2.3																	48	48	61														
16/ 15	2.9	3.2																	57	57	52														
14/ 13	2.0	1.9																	37	37	44														
12/ 11	2.7	1.2																	36	36	38														
10/ 9	1.2	.6																	17	17	23														
8/ 7	1.6	.8																	22	22	21														
6/ 5	2.5	.8																	30	30	29														
4/ 3	1.1																		10	10	13														
2/ 1	.4	.2																	6	6	6														
0/ -1																																			
-2/ -3																					20														
-4/ -5																					4														
-6/ -7	.1																				2														
-8/ -9	.2																		1	1	1														
-10/-11		.1																	2	2	2														
-12/-13																			1	1	1														
-14/-15																																			
-16/-17																					1														
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

26202	NORMAN WELLS NWT OOT APT
STATION	STATION NAME

57-66

DCT

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SEARCH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
18/-19	.2																	2	2	2	1											
24/-25																					2											
32/-33																					1											
TOTAL	18.5	56.8	3.9	.5	.3													930		930	930											

USAFETAC
FORM 0-26-5 (OL A)
JUN 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

76202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

ПСТ

PAGE 1 1200-1400
HOURS: 12:00 P.M. - 2:00 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
58/ 57						.1	.1											1	1																
56/ 55					.1	.1												2	2																
54/ 53					.2	.2												2	2																
52/ 51				.6	.1													7	7																
50/ 49			.2	.4														6	6																
48/ 47			.4	.5														9	9																
46/ 45		.2	.9		.1													11	11	11															
44/ 43		.1	.5	.3	.1													10	10	10	1														
42/ 41		.8	1.2	.5	.2													25	25	17	7														
40/ 39		1.9	1.2	.5														34	34	15	13														
38/ 37	.2	2.2	1.2	.4														37	37	35	23														
36/ 35	.2	3.4	2.8	.2														62	62	43	27														
34/ 33	.1	5.7	1.0															63	63	58	35														
32/ 31	1.3	6.0	.3															71	71	99	62														
30/ 29	1.6	6.3	.9															82	82	81	81														
28/ 27	1.5	6.7	1.0	.1														86	86	73	90														
26/ 25	.9	5.7	.2															63	63	81	75														
24/ 23	2.2	4.0	.1															58	58	79	53														
22/ 21	1.5	4.5	.2															58	58	48	69														
20/ 19	.8	3.9																43	43	50	66														
18/ 17	1.0	3.5	.1															43	43	48	60														
16/ 15	1.7	2.7																41	41	51	40														
14/ 13	1.4	2.4																35	35	35	41														
12/ 11	1.7	1.7																32	32	35	58														
10/ 9	.8	.8																14	14	21	26														
8/ 7	1.3	.9																20	20	19	28														
6/ 5	.3																	5	5	7	27														
4/ 3	.3	.2																5	5	4	18														
2/ 1	.1																	1	1	2	18														
-2/ -3																					5														
-4/ -5	.1																	1	1	1	1														
-6/ -7	.2																	2	2	2															
-8/ -9	.2																	2	2	2															
-10/-11		</																																	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

OCT
MONTH

STATION

STATION NAME

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2000240

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
12/-13	.1																	1	1	1	2														
14/-15																					2														
18/-19																					1														
TOTAL	19.56	3.51	2.2	3.8	.6	.4											930	930	930	930															

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

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POST

STATION

STATION NAME

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HOURS (L. S. Y.)

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2

YEARS

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HOURS (L, S, T.)

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

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MONYH

1800-2000

HOUES 1 S I

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
50/ 40			.1		.2													1	3																
48/ 47			.3	.2														5	5																
46/ 45	.1	.4	.8	.2														14	14	3	2														
44/ 43		.2	.4															6	6	8	1														
42/ 41		.8	.2	.1	.1													11	11	13	3														
40/ 39		1.2	.9	.5	.1	.1												26	26	14	8														
38/ 37	.5	2.2	.6	.1	.1													33	33	22	17														
36/ 35	.2	2.8	.5	.3	.2													38	38	33	25														
34/ 33	1.7	3.4	1.4	.1														80	80	60	36														
32/ 31	2.6	5.3	.5															78	78	90	80														
30/ 29	2.3	5.2	.6															75	75	91	80														
28/ 27	1.9	4.9	.1															65	65	68	75														
26/ 25	1.5	6.2	.2															74	74	60	68														
24/ 23	1.6	3.7	.1															50	50	75	40														
22/ 21	2.6	3.9																60	60	59	67														
20/ 19	2.4	4.0	.1															60	60	60	76														
18/ 17	2.9	4.1																65	65	63	57														
16/ 15	3.2	2.8																56	56	73	59														
14/ 13	1.5	.5																19	19	23	44														
12/ 11	1.2	1.6																26	26	17	70														
10/ 9	1.5	.8																21	21	28	31														
8/ 7	2.7	.4																29	29	30	16														
6/ 5	1.2	.3																14	14	15	24														
4/ 3	.4	.1																5	5	6	30														
2/ 1	.9																	8	8	8	13														
0/ -1	.1	.1																2	2	1	8														
-2/ -3	.1																	1	1	2	6														
-4/ -5	.2																	2	2	2	4														
-6/ -7	.1																	1	1	1	4														
-8/ -9																					1														
-10/-11																					1														
-12/-13	.1																	1	1	1	1														
-14/-15	.1																	1	1	1															
-16/-19	.1																																		

2

YEARS

nc T

RS S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-	22-	23-	24-	25-	26-	27-	28-	29-	30+	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point					
-20/-21																											1					
-24/-25																											1					
TOTAL	53.8	56.8	7.0	1.6	.8	.1																				930	930					

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6640233	78145	84.0	8.922	930	< 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	93
Dry Bulb	665687	23043	24.8	10.099	930	.9	71.4					93
Wet Bulb	604992	22020	23.7	9.487	930	.9	77.7					93
Dew Point	489012	19076	20.5	10.257	930	2.8	83.8					93

USAFETAC
FORM JUL 64
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

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QCT

STATION

STATION NAME

YEARS

MONTH

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2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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YEARS

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STATION NAME

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

57-66

YEARS

NDV

PAGE 2 0000-0200

0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL			TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
-36/-37																				5		10												
-38/-39																				3														
TOTAL	37.112.9																		892	900	892													

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
USAF ETAC
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NDV

PAGE 1 0300-0500
HOURS (L.S.T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

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NDV

STATION

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0300-0500

HOURS 11.5. T.1

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USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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NORMAN WELLS NWT DUT APT

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STATION

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0600-0800

HOURS (C. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-38/-39																				1		3														
-40/-41																				3		1														
-42/-43																						1														
TOTAL	44.9	15.1																		893	900	893														

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

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STAT

NORMAN WELLS NWT DOT APT
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NOV
MONTH

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HOURS (L. S. T.)

HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
28/ 27	.3																	3	3	3	3													
26/ 25	.2	.1																3	3	3	3													
24/ 23	.2	.3																5	5	3	2													
22/ 21	.3	.7																9	9	8	4													
20/ 19	.3	.9																11	11	9	7													
18/ 17	1.2	.7																17	17	18	3													
16/ 15	1.8	1.5																29	29	28	14													
14/ 13	4.0	1.5																49	49	46	22													
12/ 11	2.4	2.2																41	41	38	34													
10/ 9	3.6	1.7																47	47	56	36													
8/ 7	3.3	1.3																41	41	36	30													
6/ 5	4.7	1.1																52	52	56	54													
4/ 3	3.7	.8																40	40	43	40													
2/ 1	4.0	.7																42	42	39	49													
0/ -1	5.0	1.2																56	56	55	38													
-2/ -3	3.0	.7																33	33	34	34													
-4/ -5	4.5	.6																45	45	47	41													
-6/ -7	4.6	.4																45	45	48	49													
-8/ -9	3.5	.1																32	32	31	46													
-10/-11	4.3	.2																40	40	40	44													
-12/-13	2.5																	22	22	23	45													
-14/-15	4.4	.1																40	40	40	26													
-16/-17	3.4	.1																31	31	31	29													
-18/-19	2.2																	20	20	20	35													
-20/-21	3.9	.1																36	36	36	37													
-22/-23	3.0																	27	27	27	29													
-24/-25	2.8																	25	25	25	23													
-26/-27	2.2																	20	20	20	37													
-28/-29	.6	.1																6	6	6	13													
-30/-31	1.6																	14	14	14	19													
-32/-33	.6																	5	5	5	19													
-34/-35	.7																	6	7	6	15													
-36/-37																			3		9													
-38/-39																			1		4													
Element (X)	Σ x ²		Σ x		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																							
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total											
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

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STATION

STATION NAME

YEARS

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MS-PS 11 5 7

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
26/ 25	.4	.2																6	6	5															
24/ 23	.3	.6																9	8	5	4														
22/ 21	.7	.4																10	10	13	4														
20/ 19	.8	1.2																18	18	12	9														
18/ 17	2.1	.8																26	26	29	11														
16/ 15	2.1	1.3																31	31	28	11														
14/ 13	1.8	1.6																30	30	31	32														
12/ 11	3.3	1.9																47	47	46	28														
10/ 9	3.6	1.6																46	46	47	29														
8/ 7	4.2	1.2																49	49	53	43														
6/ 5	2.3	1.2																32	32	27	46														
4/ 3	4.2	1.2																49	49	50	44														
2/ 1	5.5	1.0																58	58	62	29														
0/ -1	4.5	1.5																53	53	48	39														
-2/ -3	3.1	.9																34	34	37	60														
-4/ -5	3.2	.8																54	54	56	48														
-6/ -7	3.7	.2																35	35	37	64														
-8/ -9	2.0																	18	18	18	38														
-10/-11	2.6	.3																26	26	25	42														
-12/-13	4.4	.1																40	40	41	32														
-14/-15	3.9	.1																36	36	38	29														
-16/-17	3.0	.2																29	29	29	27														
-18/-19	3.3	.1																31	31	30	35														
-20/-21	2.2																	20	20	21	40														
-22/-23	3.0	.1																28	28	28	31														
-24/-25	2.3																	21	21	21	29														
-26/-27	1.8																	16	16	16	23														
-28/-29	.3	.1																4	4	4	14														
-30/-31	1.1																	10	10	10	18														
-32/-33	.9																	8	8	8	10														
-34/-35	.3																	3	3	3	11														
-36/-37																			1		10														
-38/-39																			2		2														
-40/-41																			1		1														
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F	> 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

NOV

PAGE 2 1500-1700
HOURS S. T.

[illegible]

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

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USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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57-66

HOURS 11-5-7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
24/ 23	.2	.3																5	5		2																
22/ 21	.3	.6																8	8		10	1															
20/ 19	.9	.4																12	12		10	4															
18/ 17	1.8	1.7																31	31		23	12															
16/ 15	1.7	.6																20	20		30	10															
14/ 13	3.3	.8																36	36		36	26															
12/ 11	3.3	1.6																43	43		34	39															
10/ 9	2.9	1.0																35	35		39	28															
8/ 7	3.4	.8																37	37		40	28															
6/ 5	4.6	1.6																55	55		50	41															
4/ 3	4.9	.9																52	52		59	32															
2/ 1	4.9	.9																52	52		47	52															
0/ -1	3.8	.6																39	39		43	47															
-2/ -3	3.8	.8																41	41		38	56															
-4/ -5	5.7	.1																52	52		56	32															
-6/ -7	3.9	.1																36	36		37	34															
-8/ -9	3.6	.7																38	38		35	48															
-10/-11	3.8	.2																36	36		39	48															
-12/-13	3.8	.2																36	36		36	40															
-14/-15	3.4																	30	30		30	38															
-16/-17	4.4	.1																40	40		40	37															
-18/-19	2.4																	21	21		21	28															
-20/-21	2.9																	24	24		26	36															
-22/-23	3.9	.2																37	37		37	32															
-24/-25	3.4																	30	30		30	25															
-26/-27	2.0																	18	18		18	28															
-28/-29	1.3																	12	12		12	29															
-30/-31	.9																	8	8		8	30															
-32/-33	.3																	3	3		3	12															
-34/-35	.2																	2	2		2	11															
-36/-37																			6			3															
-38/-39																			1			4															
TOTAL	15.9	14.1																891		900	891	891															
Element (X)	Σ x ²	Σ x	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	5858948	71948	80.8	6.877	890	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb	179854	-3388	-3.813	6.34	900	51.4	90.0															90															
Wet Bulb	166014	-3188	-3.613	5.80	891	51.6	90.0															90															
Dew Point	222098	-7032	-7.913	6.80	891	62.4	90.0															90															

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
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HOURS (L. S. T.)

HOURS : L. S. T.

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USAFETAC
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JUL 64
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT DOT APT
STATION	STATION NAME

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PAGE 2 0000-0200
HOURS 11, S. T. 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
50/-51																				4		1														
52/-53																						2														
TOTAL	8.2	11.8																		825	930	825														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5069143	63849	77.4	9.126	825	$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\leq 67^\circ \text{F}$	$\leq 73^\circ \text{F}$	$\leq 80^\circ \text{F}$	$\leq 93^\circ \text{F}$	
Dry Bulb	388445	-13191	-14.2	14.722	930	77.6	93.0					93
Wet Bulb	211288	-8992	-10.9	11.723	825	76.4	93.0					93
Dew Point	342138	-13230	-16.0	12.959	825	82.7	93.0					93

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

20-00 NORMAN WELLS NWT DOT APT

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STATION

STATION NAME

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MONTH

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0300-0500

HOURS (L, S, T,)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
50/-51																				3		1													
58/-59																						1													
TOTAL	50.1	9.9																	826	930	826	826													

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

26202

NORMAN WELLS NWT OUT APT

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0400-0800

HOURS (L, S, T)

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DATA PROCESSING DIVISION
USAF ETAC
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26202	NORMAN WELLS NWT DUT APT
STATION	STATION NAME

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DEC

STATION

STATION NAME

YEARS

MON'N

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0600-0800

HOURS: 10:30 A.M. - 5:30 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
46/-47																				14	2		
48/-49																				11	1		
50/-51																				2			
58/-59																					1		
TOTAL	88.6	11.4																		821	930		
																				821	821		

2

YEARS

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HOURS (L, S, T)

USAFETAC
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NORMAN WELLS NWT DDT APT

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STATION

STATION NAME

YEARS

MONTH

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0900-1100

HOURS (11-5-7-1)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
48/-49																				7		1													
50/-51																				7															
TOTAL	7.5	12.5																825	930	825	825														
															</																				

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

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STATION

STAT ON NAME

YEARS

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HOURS () S T I

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JSAFETAC FORM 0-26-5 (OL A)
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YEARS

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HOURS: 1 5 11

USAFETAC
FORM 0-26-5 (OL A)
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PSYCHROMETRIC SUMMARY

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HOURS 11 5 1

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

26202	NORMAN WELLS NWT OUT APT
STATION	STATION NAME

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
48/-49																				5															
50/-51																				3															
TOTAL	90.1	9.9																		930	821	821													
																</																			

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT DOT APT

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STATION NAME

YEARS

MONTH

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HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
20/ 17	.1	.4																4	4	3															
18/ 17	.2																	2	2	3															
16/ 15																					6														
14/ 13	.1	.5																5	5	3															
12/ 11	1.3	.7																17	17	14															
10/ 9	1.6	.6																19	18	20	8														
8/ 7	1.9	.5																20	20	20	13														
6/ 5	2.3	1.3																30	30	27	15														
4/ 3	1.8	.8																22	22	25	21														
2/ 1	2.8	.5																27	27	27	23														
0/ -1	5.2	1.6																56	56	55	19														
-2/ -3	3.5	1.0																37	37	39	35														
-4/ -5	4.7	.2																41	41	43	34														
-6/ -7	3.6	.6																35	35	31	34														
-8/ -9	5.0	.2																43	43	46	34														
-10/-11	5.2	.6																48	48	45	33														
-12/-13	7.2	1.1																68	68	68	41														
-14/-15	6.4	.2																55	55	58	38														
-16/-17	6.3	.7																58	58	56	46														
-18/-19	3.4	.5																32	32	34	76														
-20/-21	4.9	.1																41	41	41	46														
-22/-23	4.2	.1																36	36	36	38														
-24/-25	3.8																	31	31	32	46														
-26/-27	2.5																	21	21	21	49														
-28/-29	2.8																	23	23	23	19														
-30/-31	2.9																	24	24	24	30														
-32/-33	2.1																	17	18	17	32														
-34/-35	1.6																	13	22	13	26														
-36/-37																			16		20														
-38/-39																			23		11														
-40/-41																			11		7														
-42/-43																			14		3														
-44/-45																			19		1														
-46/-47																			6																
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature							Total																						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26202 NORMAN WELLS NWT 00T APT

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STATION

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HOURS (L. S. T.)

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USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PSYCHROMETRIC SUMMARY

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MONTH

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HOURS		S		T	
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54
55	56	57	58	59	60
61	62	63	64	65	66
67	68	69	70	71	72
73	74	75	76	77	78
79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100	101	102
103	104	105	106	107	108
109	110	111	112	113	114
115	116	117	118	119	120
121	122	123	124	125	126
127	128	129	130	131	132
133	134	135	136	137	138
139	140	141	142	143	144
145	146	147	148	149	150
151	152	153	154	155	156
157	158	159	160	161	162
163	164	165	166	167	168
169	170	171	172	173	174
175	176	177	178	179	180
181	182	183	184	185	186
187	188	189	190	191	192
193	194	195	196	197	198
199	200	201	202	203	204
205	206	207	208	209	210
211	212	213	214	215	216
217	218	219	220	221	222
223	224	225	226	227	228
229	230	231	232	233	234
235	236	237	238	239	240
241	242	243	244	245	246
247	248	249	250	251	252
253	254	255	256	257	258
259	260	261	262	263	264
265	266	267	268	269	270
271	272	273	274	275	276
277	278	279	280	281	282
283	284	285	286	287	288
289	290	291	292	293	294
295	296	297	298	299	300
301	302	303	304	305	306
307	308	309	310	311	312
313	314	315	316	317	318
319	320	321	322	323	324
325	326	327	328	329	330
331	332	333	334	335	336
337	338	339	340	341	342
343	344	345	346	347	348
349	350	351	352	353	354
355	356	357	358	359	360
361	362	363	364	365	366
367	368	369	370	371	372
373	374	375	376	377	378
379	380	381	382	383	384
385	386	387	388	389	390
391	392	393	394	395	396
397	398	399	400	401	402
403	404	405	406	407	408

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
48/-49																			2		1				
50/-51																			4						
56/-57																					1				
TOTAL	9.6	10.4																825	930	825	825				

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26202 NORMAN WELLS NWT DOT APT

57-66

STATION		STATION NAME												YEARS													
HRS LST		JAN		FEB		MAR		APR		MAY		JUN.		JUL		AUG.		SEP.		OCT.		NOV		DEC		ANNUAL	
00-02	MEAN	-19.5		-17.1		-8.4		13.4		35.1		51.0		56.2		52.3		39.6		23.2		-3.7		-14.2		17.6	
	S D	14.063		13.664		14.634		13.638		9.656		7.392		6.289		7.013		7.053		10.178		13.552		14.722		30.396	
	TOTAL OBS	930		846		930		900		730		900		930		930		900		930		900		930		10956	
03-05	MEAN	-19.5		-18.0		-10.7		10.8		32.6		49.1		53.8		49.7		38.0		22.5		-3.2		-14.3		16.1	
	S D	14.384		15.619		14.964		13.848		9.352		6.890		5.741		6.632		6.619		10.191		14.813		14.826		29.818	
	TOTAL OBS	930		846		930		900		930		900		930		930		900		930		900		930		10956	
06-08	MEAN	-19.5		-18.4		-11.9		11.6		35.6		53.1		57.4		52.0		38.4		21.9		-3.5		-14.4		17.0	
	S D	13.231		15.082		15.308		13.978		10.111		7.082		5.973		6.601		6.545		10.096		14.072		14.989		31.136	
	TOTAL OBS	930		846		930		900		930		900		930		930		900		930		900		930		10956	
09-11	MEAN	-19.2		-17.2		-6.8		17.4		41.1		58.0		62.2		57.3		42.7		23.8		-3.3		-14.4		20.3	
	S D	17.963		15.361		14.454		13.608		11.373		8.366		7.557		7.472		7.143		10.040		14.050		14.988		32.652	
	TOTAL OBS	930		846		930		900		930		900		930		930		898		930		900		930		10954	
12-14	MEAN	-17.7		-13.0		.4		23.4		46.1		62.3		66.3		62.2		47.0		26.8		-1.6		-13.7		24.2	
	S D	17.137		14.056		13.510		13.546		12.117		9.315		8.747		8.859		8.368		10.225		13.515		14.893		33.319	
	TOTAL OBS	930		846		930		900		930		900		930		930		897		930		900		930		10953	
15-17	MEAN	-17.8		-11.5		3.8		26.2		48.1		63.9		67.9		64.1		48.7		27.1		-2.2		-14.0		25.5	
	S D	17.210		13.632		13.415		13.635		12.202		9.541		8.963		9.317		8.888		10.262		13.641		14.759		33.787	
	TOTAL OBS	930		846		930		900		930		900		930		930		900		930		900		930		10956	
18-20	MEAN	-18.6		-13.9		.5		24.2		46.5		62.3		66.3		61.6		45.2		24.8		-3.6		-14.3		23.6	
	S D	17.520		14.385		14.045		13.505		11.942		8.979		8.561		8.859		8.374		10.099		13.746		14.675		33.542	
	TOTAL OBS	930		846		930		900		930		900		930		930		900		930		900		930		10956	
21-23	MEAN	-18.9		-13.6		-4.6		18.3		40.9		57.3		61.3		55.9		41.4		23.4		-3.8		-14.5		20.3	
	S D	17.973		15.130		14.416		13.452		10.631		8.144		7.402		7.896		7.599		10.159		13.634		14.545		31.934	
	TOTAL OBS	930		846		930		900		930		900		930		930		900		930		900		930		10956	
ALL HOURS	MEAN	-18.8		-13.6		-4.7		18.2		40.8		57.1		61.4		56.9		42.6		24.2		-3.0		-14.2		20.6	
	S D	17.820		15.138		15.326		14.746		12.269		9.786		8.961		9.336		8.489		10.307		13.828		14.795		32.275	
	TOTAL OBS	7440		6768		7440		7200		7440		7200		7440		7440		7195		7440		7200		7440		87643	

USAF ETAC

FORM
JUL 64

0-89-5 (OL 1)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26202 NORMAN WELLS NWT DDT APT

57-66

STATION

STATION NAME

YEARS

HRS LST	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-12.6	-12.9	-7.6	12.5	32.4	46.6	52.0	49.4	37.9	22.5	-2.8	-10.9	18.7
	S D	14.25	12.74	13.56	13.01	8.50	6.28	5.11	6.14	6.29	9.78	13.40	11.72	26.73
	TOTAL OBS	716	720	900	900	930	900	930	930	900	930	892	825	10473
03-05	MEAN	-12.8	-13.2	-9.5	10.1	30.7	45.6	50.8	47.8	36.7	21.9	-3.1	-11.0	17.7
	S D	14.55	12.28	13.70	13.39	8.69	6.23	5.10	6.10	6.11	9.86	13.62	11.83	26.48
	TOTAL OBS	720	698	887	900	930	900	930	930	900	930	894	826	10445
06-08	MEAN	-13.1	-13.4	-10.1	10.8	32.8	48.1	53.2	49.6	37.0	21.4	-3.3	-10.9	18.5
	S D	14.48	12.63	13.75	13.42	8.95	6.05	4.84	5.90	6.04	9.81	13.65	11.88	27.34
	TOTAL OBS	730	695	870	900	930	900	930	920	900	930	893	821	10429
09-11	MEAN	-13.0	-12.6	-6.5	15.8	36.4	50.6	55.4	52.6	40.1	23.0	-3.2	-11.1	20.5
	S D	14.24	11.94	13.51	12.54	9.03	6.20	5.23	6.02	6.17	9.60	13.57	12.01	27.99
	TOTAL OBS	736	706	910	900	930	900	930	930	898	930	892	825	10487
12-14	MEAN	-17.3	-10.9	-3.3	20.8	39.3	52.3	56.8	54.6	42.6	25.3	-1.6	-10.5	22.6
	S D	13.69	12.13	12.89	11.85	8.77	6.11	5.30	6.16	6.57	9.34	13.19	11.98	27.92
	TOTAL OBS	754	775	930	900	930	900	930	930	897	930	897	826	10599
15-17	MEAN	-12.2	-10.1	3.0	23.1	40.5	53.0	57.3	55.2	43.5	25.5	-2.3	-10.6	23.4
	S D	13.86	12.28	12.69	11.64	8.65	6.00	5.20	6.17	6.82	9.32	13.31	11.81	27.97
	TOTAL OBS	749	799	930	900	930	900	930	930	900	930	896	821	10615
18-20	MEAN	-12.3	-11.8	-1.1	21.6	39.7	52.4	56.8	54.4	41.5	23.7	-3.5	-11.0	22.3
	S D	12.77	12.50	13.48	11.81	8.68	5.97	5.09	6.18	6.74	9.48	13.31	11.69	28.12
	TOTAL OBS	731	778	930	900	930	900	930	930	900	930	892	824	10575
21-23	MEAN	-12.1	-12.5	-4.6	16.8	36.5	50.2	55.0	51.5	39.0	22.6	-3.6	-11.3	20.4
	S D	14.02	12.75	13.82	12.52	8.62	6.04	5.14	6.21	6.45	9.72	13.18	11.67	27.57
	TOTAL OBS	719	749	922	900	930	900	930	930	900	930	891	825	10526
ALL HOURS	MEAN	-12.5	-12.1	-4.4	16.4	36.0	49.8	54.7	51.9	39.8	23.2	-2.9	-10.9	20.5
	S D	14.13	12.38	14.16	13.39	9.40	6.64	5.60	6.44	6.84	9.71	13.41	11.82	27.59
	TOTAL OBS	5855	5920	7279	7200	7440	7200	7440	7440	7195	7440	7147	6592	84149

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26202 NORMAN WELLS NWT DUT APT

57-66

STATION

STATION NAME

YEARS

HRS. LST.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN -17.2	-17.6	-12.4	7.9	28.1	42.1	48.6	46.9	35.6	19.8	-7.1	-16.0	14.8
	S.D. 15.007	13.194	14.080	13.879	8.888	7.303	5.901	6.384	6.431	10.679	13.959	12.559	27.579
	TOTAL OBS 716	720	900	900	730	900	930	930	900	930	892	825	10473
03-05	MEAN -17.4	-18.0	-14.2	5.8	27.1	41.9	48.2	46.0	34.9	19.4	-7.4	-16.1	14.1
	S.D. 15.262	12.735	14.287	14.193	9.441	7.117	5.777	6.346	6.290	10.819	14.102	12.678	27.597
	TOTAL OBS 720	698	887	900	930	900	930	930	900	930	894	826	10445
06-08	MEAN -17.7	-18.1	-14.9	6.1	28.3	43.3	49.9	47.5	35.2	18.9	-7.7	-16.1	14.6
	S.D. 15.342	12.432	14.250	14.208	9.398	7.211	5.414	6.166	6.252	10.767	14.230	12.725	28.227
	TOTAL OBS 730	695	870	900	930	900	930	930	900	930	893	821	10429
09-11	MEAN -17.8	-17.5	-12.0	9.7	29.9	43.8	50.3	48.8	37.1	20.1	-7.6	-16.2	15.6
	S.D. 14.938	12.428	14.030	13.544	8.750	7.314	5.815	6.380	6.363	10.470	14.135	12.646	28.266
	TOTAL OBS 736	706	910	900	930	900	930	930	898	930	892	825	10487
12-14	MEAN -17.3	-16.2	-6.9	13.7	30.7	43.5	50.0	48.8	37.8	21.5	-6.2	-15.6	16.6
	S.D. 14.739	12.710	13.695	12.414	8.056	7.437	6.011	6.482	6.769	9.882	13.891	12.618	27.518
	TOTAL OBS 754	775	930	900	930	900	930	930	897	930	897	826	10599
15-17	MEAN -17.2	-15.4	-3.6	15.7	31.0	43.5	49.6	48.6	37.9	21.7	-6.7	-15.7	17.0
	S.D. 14.764	12.804	13.562	11.897	8.027	7.448	6.459	6.742	7.030	9.799	13.785	12.329	27.194
	TOTAL OBS 749	799	930	900	930	900	930	930	900	930	896	821	10615
18-20	MEAN -17.1	-16.7	-6.0	15.2	31.1	43.8	49.8	48.9	37.4	20.5	-7.9	-16.1	16.6
	S.D. 14.510	13.001	14.141	12.104	8.171	7.679	6.349	6.773	6.821	10.257	13.785	12.223	27.650
	TOTAL OBS 731	778	930	900	930	900	930	930	900	930	892	824	10575
21-23	MEAN -16.9	-17.2	-9.8	11.5	30.4	43.8	50.1	47.9	36.0	19.6	-7.9	-16.4	15.7
	S.D. 14.864	13.206	14.429	13.256	8.600	7.373	6.187	6.529	6.563	10.620	13.680	12.338	27.844
	TOTAL OBS 719	749	922	900	930	900	930	930	900	930	891	825	10526
ALL HOURS	MEAN -17.3	-17.1	-9.9	10.7	29.6	43.2	49.6	47.9	36.5	20.2	-7.3	-16.0	15.6
	S.D. 14.922	12.845	14.567	13.719	8.799	7.393	6.037	6.552	6.665	10.455	13.952	12.512	27.751
	TOTAL OBS 5855	5920	7279	7200	7440	7200	7440	7440	7195	7440	7147	6593	84149

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	03	100.0	100.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
	04	100.0	100.0	100.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
	05	100.0	100.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
	06	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	07	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	08	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	09	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	10	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	11	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	12	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	13	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	14	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	15	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	16	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	17	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	18	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	19	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	20	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	21	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	22	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	23	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	24	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	
	TOTALS	100.0	100.0	100.0	99.9	99.9	99.9	74.0	30.0	9.9	7.7	7.7

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

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RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	00	100.0	100.0	100.0	99.7	99.5	99.0	98.0	96.0	93.0	89.0	100
	01	100.0	100.0	100.0	99.7	99.5	99.0	98.0	96.0	93.0	89.0	100
	02	100.0	100.0	100.0	99.7	99.5	99.0	98.0	96.0	93.0	89.0	100
	03	100.0	100.0	99.8	99.7	99.5	99.0	98.0	96.0	93.0	89.0	100
	04	100.0	99.7	99.3	98.0	97.0	95.0	92.0	88.0	83.0	78.0	100
	05	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	06	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	07	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	08	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	09	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	10	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	11	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	12	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	13	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	14	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	15	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	16	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	17	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	18	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	19	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	20	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	21	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	22	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	23	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	24	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	100
	TOTALS	100.0	99.0	98.0	96.0	94.0	90.0	86.0	81.0	76.0	71.0	1200

USAF ETAC

FORM
JUL 64

0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	100
	01	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	100
	02	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	100
	03	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	04	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	05	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	06	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	07	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	08	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	09	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	10	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	11	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	12	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	13	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	14	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	15	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	16	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	17	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	18	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	19	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	20	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	21	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	22	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	23	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	24	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	TOTALS	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	1-1	100.0	100.0	100.0	99.7	97.0	92.0	85.0	76.7	66.5	55.0	1000
	2-1	100.0	100.0	100.0	100.0	99.7	96.9	91.4	83.2	73.0	61.5	1000
	3-1	100.0	100.0	100.0	100.0	100.0	99.0	95.0	88.0	79.5	68.0	1000
	4-1	100.0	100.0	100.0	100.0	99.0	96.3	90.0	82.7	73.0	61.5	1000
	5-1	100.0	100.0	99.9	97.3	91.0	82.3	70.5	58.7	48.0	37.0	1000
	6-1	100.0	100.0	99.7	95.0	87.2	76.0	64.0	51.0	39.0	27.0	1000
	7-1	100.0	100.0	100.0	99.0	94.0	85.7	75.9	64.0	51.0	37.0	1000
	8-1	100.0	100.0	100.0	99.7	96.7	90.0	82.0	71.0	58.0	45.0	1000
	9-1											
	10-1											
	11-1											
	12-1											
	1-2											
	2-2											
	3-2											
	4-2											
	5-2											
	6-2											
	7-2											
	8-2											
	9-2											
	10-2											
	11-2											
	12-2											
	TOTALS	100.0	100.0	100.0	99.7	96.0	89.0	79.0	65.0	52.7	40.0	1000

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JANUARY	-1-0	100.0	100.0	100.0	100.0	100.0	99.9	97.0	94.0	91.0	87.0	131
FEBRUARY	-1-0	100.0	100.0	100.0	100.0	100.0	99.9	98.0	95.0	92.0	87.0	131
MARCH	-1-0	100.0	100.0	100.0	100.0	99.9	99.7	98.0	94.0	90.0	85.0	131
APRIL	-1-1	100.0	100.0	100.0	100.0	99.9	99.7	97.0	94.0	90.0	85.0	131
MAY	-1-1	100.0	100.0	100.0	100.0	99.9	99.7	96.7	93.0	89.0	84.0	130
JUNE	-1-1	100.0	100.0	100.0	99.9	99.9	99.0	94.9	90.0	85.0	80.0	130
JULY	-1-0	100.0	100.0	100.0	99.9	99.1	97.7	94.0	90.0	85.0	80.0	130
AUGUST	-1-2	100.0	100.0	100.0	100.0	99.9	99.0	95.0	90.0	85.0	80.0	130
SEPTEMBER												
OCTOBER												
NOVEMBER												
DECEMBER												
TOTALS		100.0	100.0	100.0	100.0	99.0	98.4	94.3	90.2	85.9	80.0	1440

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1-6	100.0	100.0	100.0	100.0	100.0	99.7	97.1	92.4	83.3	70.7	51.1	17
7-12	100.0	100.0	100.0	100.0	100.0	100.0	97.1	94.7	87.2	76.2	58.7	17
13-18	100.0	100.0	100.0	100.0	100.0	99.4	97.7	94.2	87.0	76.5	58.1	19
19-24	100.0	100.0	100.0	100.0	100.0	99.3	97.0	92.0	83.7	70.1	50.4	17
25-31	100.0	100.0	100.0	100.0	99.7	97.0	90.7	80.4	66.7	50.7	35.7	17
1-12	100.0	100.0	100.0	100.0	100.0	99.7	96.7	92.0	83.7	70.4	50.7	17
13-24	100.0	100.0	100.0	99.7	99.9	99.1	91.4	80.7	66.7	50.5	35.7	17
25-31	100.0	100.0	100.0	100.0	99.9	99.1	92.0	80.3	66.0	50.7	35.7	17
TOTALS	100.0	100.0	100.0	100.0	99.9	99.2	92.7	80.9	66.7	50.7	35.7	174

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
Jan	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	92.5	84.1	77.5	105
Feb	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	92.5	84.1	77.5	105
Mar	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	92.5	84.1	77.5	105
Apr	100.0	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	92.5	77.5	105
May	100.0	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	92.5	77.5	105
June	100.0	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	92.5	77.5	105
July	100.0	100.0	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	77.5	105
Aug	100.0	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	92.5	77.5	105
Sept	100.0	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	92.5	77.5	105
Oct	100.0	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	92.5	77.5	105
Nov	100.0	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	92.5	77.5	105
Dec	100.0	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	92.5	77.5	105
TOTALS	100.0	100.0	99.9	99.7	99.4	98.9	98.1	96.5	92.5	84.1	77.5	655

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART F

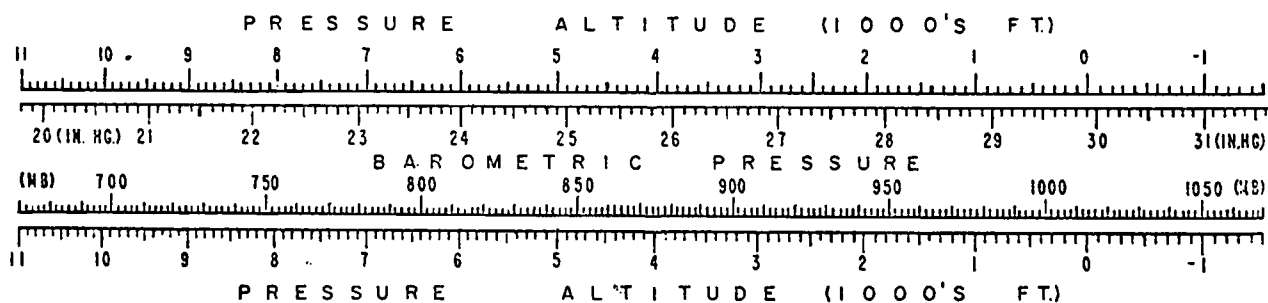
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after these dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

26202 NIKMAN WELLS NWT DDT APT

57-66

STATION

STATION NAME

YEARS

HRS	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	29.980	29.907	29.922	29.809	29.754	29.637	29.640	29.628	29.648	29.587	29.776	29.826	29.759
	S D	.348	.358	.288	.284	.254	.207	.181	.198	.263	.317	.352	.373	.318
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	29.983	29.908	29.928	29.819	29.761	29.647	29.648	29.633	29.651	29.591	29.775	29.826	29.764
	S D	.351	.355	.287	.285	.254	.206	.182	.198	.262	.320	.351	.375	.318
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	29.974	29.905	29.932	29.830	29.767	29.653	29.655	29.643	29.657	29.595	29.777	29.820	29.767
	S D	.353	.356	.287	.288	.253	.205	.184	.199	.262	.321	.352	.373	.317
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	29.977	29.908	29.931	29.827	29.760	29.648	29.650	29.640	29.658	29.601	29.783	29.826	29.767
	S D	.351	.358	.288	.288	.251	.205	.186	.201	.262	.320	.354	.371	.317
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
13	MEAN	29.975	29.905	29.918	29.815	29.747	29.634	29.639	29.628	29.651	29.595	29.786	29.825	29.759
	S D	.350	.359	.285	.286	.249	.205	.187	.201	.262	.315	.356	.369	.317
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
16	MEAN	29.977	29.903	29.906	29.803	29.734	29.618	29.624	29.615	29.641	29.589	29.785	29.828	29.751
	S D	.351	.362	.282	.284	.247	.204	.187	.199	.262	.310	.355	.370	.318
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	29.974	29.903	29.905	29.800	29.728	29.613	29.619	29.611	29.640	29.588	29.782	29.826	29.748
	S D	.351	.364	.282	.282	.248	.203	.184	.197	.261	.312	.355	.371	.318
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
22	MEAN	29.971	29.903	29.909	29.811	29.739	29.624	29.629	29.620	29.642	29.588	29.780	29.824	29.752
	S D	.350	.364	.285	.283	.251	.203	.183	.199	.264	.317	.352	.373	.318
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	29.976	29.905	29.919	29.814	29.749	29.634	29.638	29.628	29.648	29.592	29.780	29.825	29.758
	S D	.350	.359	.285	.285	.251	.205	.185	.199	.262	.316	.353	.371	.318
	TOTAL OBS	2479	2256	2480	2400	2480	2400	2480	2480	2398	2480	2400	2479	29212

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

26207 GURBAN WELLS NWT DOT APT

57-66

STATION

STATION NAME

YEARS

HRS - LST		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	1023.9	1021.4	1021.8	1017.7	1015.6	1011.5	1011.5	1011.2	1012.0	1010.1	1016.8	1018.6	1016.0
	S D	11.944	12.267	9.874	9.735	8.706	7.098	6.224	6.788	8.982	10.844	12.014	12.800	10.977
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	1024.0	1021.4	1021.9	1018.1	1015.9	1011.8	1011.8	1011.4	1012.1	1010.2	1016.7	1018.6	1016.1
	S D	12.062	12.182	9.838	9.776	8.722	7.060	6.249	6.758	8.969	10.940	11.981	12.848	10.968
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	1023.7	1021.3	1022.1	1018.4	1016.1	1012.0	1012.0	1011.7	1012.3	1010.4	1016.8	1018.4	1016.2
	S D	12.142	12.205	9.642	9.854	8.670	7.048	6.322	6.814	8.974	10.966	12.021	12.784	10.940
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
11	MEAN	1023.8	1021.4	1022.1	1018.3	1015.8	1011.9	1011.9	1011.6	1012.3	1010.5	1017.0	1018.6	1016.3
	S D	12.076	12.277	9.873	9.851	8.597	7.017	6.393	6.855	8.969	10.948	12.113	12.745	10.980
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
13	MEAN	1023.8	1021.3	1021.6	1017.9	1015.4	1011.4	1011.5	1011.2	1012.1	1010.4	1017.1	1018.5	1016.0
	S D	12.024	12.287	9.758	9.797	8.514	7.021	6.410	6.872	8.967	10.748	12.152	12.659	10.944
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
16	MEAN	1023.8	1021.2	1021.2	1017.5	1014.9	1010.9	1011.0	1010.7	1011.8	1010.2	1017.1	1018.7	1015.7
	S D	12.049	12.388	9.650	9.721	8.475	7.004	6.419	6.811	8.968	10.597	12.133	12.643	10.974
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	1023.7	1021.2	1021.2	1017.4	1014.7	1010.7	1010.8	1010.6	1011.7	1010.1	1017.0	1018.6	1015.6
	S D	12.046	12.467	9.683	9.653	8.514	6.965	6.322	6.740	8.943	10.637	12.141	12.731	10.993
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
22	MEAN	1023.6	1021.2	1021.3	1017.8	1015.1	1011.0	1011.2	1010.9	1011.8	1010.1	1016.9	1018.6	1015.8
	S D	12.016	12.460	9.768	9.694	8.588	6.973	6.271	6.805	9.023	10.828	12.017	12.860	10.988
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
ALL HOURS	MEAN	1023.8	1021.3	1021.7	1017.9	1015.4	1011.4	1011.5	1011.2	1012.0	1010.2	1016.9	1018.6	1016.0
	S D	12.028	12.298	9.779	9.752	8.598	7.029	6.332	6.806	8.964	10.800	12.055	12.746	10.969
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2480	2398	2480	2400	2480	29214

USAF ETAC

FORM
JUL 64

0-89-5 (OL 1)

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